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Part Number	Description	Part Number	Description
Kalmar-Allis Chalmers		lsuzu	
G153-OVKL	OVERHAUL KIT W/LINERS	4BB1-OVKL	OVERHAUL KIT W/LINERS
G230-OVKL	OVERHAUL KIT W/LINERS	4BC2-OVKL	OVERHAUL KIT W/LINERS
		4BD1-OVKL	OVERHAUL KIT W/LINERS
Caterpillar		4BD1T-OVKL	OVERHAUL KIT W/LINERS
1404-OVK	OVERHAUL KIT	4BD2TC-OVKL	OVERHAUL KIT W/LINERS
		4JB1-OVKL	OVERHAUL KIT W/LINERS
Chrysler		6BB1-OVKL	OVERHAUL KIT W/LINERS
H225-OVK	OVERHAUL KIT	6BD1-OVKL	OVERHAUL KIT W/LINERS
H225-OVKOP	OVERHAUL KIT W/OIL PUMP	6BD1T-OVKL	OVERHAUL KIT W/LINERS
IND-30-OVK	OVERHAUL KIT	6BG1-OVKL	OVERHAUL KIT W/LINERS
		C240-OVKL	OVERHAUL KIT W/LINERS
Continental		C240-OVKLOP	O/HAUL KIT W/LINERS & OIL PUMI
F163-OVK	OVERHAUL KIT		
F163-OVKOP	OVERHAUL KIT W/OIL PUMP	Mazda	
F227-OVK	OVERHAUL KIT	D5-OVK	OVERHAUL KIT
F227-OVKOP	OVERHAUL KIT W/OIL PUMP	F2-OVK	OVERHAUL KIT
F245-OVK	OVERHAUL KIT	F2-OVKOP	OVERHAUL KIT W/PUMP
F245-OVKOP	OVERHAUL KIT W/OIL PUMP	FE-OVK	OVERHAUL KIT
TM27-OVK	OVERHAUL KIT	FE-OVKOP	OVERHAUL KIT W/PUMP
TMD27-OVK	OVERHAUL KIT	UA-OVKL	OVERHAUL KIT W/LINERS
TMD27-OVKOP	OVERHAUL KIT W/OIL PUMP	UA-OVKLOP	O/HAUL KIT W/LINERS & OIL PUM
Y112-OVK	OVERHAUL KIT	VA-OVKL	OVERHAUL KIT W/LINERS
Y112-OVKOP	OVERHAUL KIT W/OIL PUMP	VA-OVKLOP	O/HAUL KIT W/LINERS & OIL PUM
Ford		Mitsubishi	
172D-OVK	OVERHAUL KIT	4G32-OVK	OVERHAUL KIT
172D-OVKOP	OVERHAUL KIT W/OIL PUMP	4G32-OVKOPK	OVERHAUL KIT W/OIL PUMP KIT
172-OVK	OVERHAUL KIT	4G33-OVK	OVERHAUL KIT
172-OVKOP	OVERHAUL KIT W/OIL PUMP	4G33-OVKOPK	OVERHAUL KIT W/OIL PUMP KIT
192-OVK	OVERHAUL KIT	4G52-OVK	OVERHAUL KIT
192-OVKOP	OVERHAUL KIT W/ OIL PUMP	4G52-OVKOP	OVERHAUL KIT W/OIL PUMP
		4G54B-OVK	OVERHAUL KIT
General Motors		4G54B-OVKOP	OVERHAUL KIT W/OIL PUMP
153-OVK	OVERHAUL KIT	4G54-OVK	OVERHAUL KIT
153-OVKOP	OVERHAUL KIT W/OIL PUMP	4G54-OVKOP	OVERHAUL KIT W/OIL PUMP
181-OVK	OVERHAUL KIT	4G63B-OVK	OVERHAUL KIT
181-OVKOP	OVERHAUL KIT W/OIL PUMP	4G63-OVK	OVERHAUL KIT
4.3LB-OVK	OVERHAUL KIT	4G64B-OVK	OVERHAUL KIT
4.3LB-OVKOP	OVERHAUL KIT W/OIL PUMP	4G64-OVK	OVERHAUL KIT
4.3L-OVK	OVERHAUL KIT	6G72-OVK	OVERHAUL KIT
4.3L-OVKOP	OVERHAUL KIT W/OIL PUMP		-

Nissan

A12-OVK	OVERHAUL KIT	
A15-OVK	OVERHAUL KIT	
A15-OVKOP	OVERHAUL KIT W/OIL PUMP	
D11-OVK	OVERHAUL KIT	

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Engine Rebuilding Kits

Part Number	Part Number Description		Description
Nissan continued		Peugeot	
D11-OVKOP	OVERHAUL KIT W/OIL PUMP	XD3P-OVK	OVERHAUL KIT
H20-IIK-OVK	OVERHAUL KIT	XN1P-OVKL	OVERHAUL KIT W/LINERS
H20-IIK-OVKOP	OVERHAUL KIT W/OIL PUMP	XN1P-OVKLOP	OVERHAUL KIT W/LINERS & OIL PUMP
H20-II-OVK	OVERHAUL KIT		
H20-II-OVKOP	OVERHAUL KIT W/OIL PUMP	Toyota	
H20-OVK	OVERHAUL KIT	2F-OVK	OVERHAUL KIT
H20-OVKOP	OVERHAUL KIT W/OIL PUMP	2F-OVKOP	OVERHAUL KIT W/OIL PUMP
H25-OVK	OVERHAUL KIT	2J-OVKL	OVERHAUL KIT W/LINERS
H25-OVKOP	OVERHAUL KIT W/OIL PUMP	2R-OVK	OVERHAUL KIT
H30-OVK	OVERHAUL KIT	2R-OVKOP	OVERHAUL KIT W/OIL PUMP
H30-OVKOP	OVERHAUL KIT W/OIL PUMP	3P-OVK	OVERHAUL KIT
J15-OVK	OVERHAUL KIT	3P-OVKOP	OVERHAUL KIT W/OIL PUMP
J15-OVKOP	OVERHAUL KIT W/OIL PUMP	4P-OVK	OVERHAUL KIT
P40-OVK	OVERHAUL KIT	4P-OVKOP	OVERHAUL KIT W/OIL PUMP
P40-OVKOP	OVERHAUL KIT W/OIL PUMP	4Y-OVK	OVERHAUL KIT
PPU240-OVK	OVERHAUL KIT	4Y-OVKOP	OVERHAUL KIT W/OIL PUMP
PPU240-OVKOP	OVERHAUL KIT W/OIL PUMP	5P-OVK	OVERHAUL KIT
SD22-OVK	OVERHAUL KIT	5R-E-OVK	OVERHAUL KIT - EARLY
SD22-OVKL	OVERHAUL KIT W/LINERS	5R-E-OVKOP	OVERHAUL KIT - EARLY W/OIL PUMP
SD22-OVKLOP	OVERHAUL KIT W/LINERS & OIL PUMP	5R-L-OVK	OVERHAUL KIT - LATE
SD22-OVKOP	OVERHAUL KIT W/OIL PUMP	5R-L-OVKOP	OVERHAUL KIT - LATE W/OIL PUMP
SD25-OVK	OVERHAUL KIT	5R-M-OVK	OVERHAUL KIT - MID
SD25-OVKL	OVERHAUL KIT W/LINERS	5R-M-OVKOP	OVERHAUL KIT - MID W/OIL PUMP
SD25-OVKLOP	OVERHAUL KIT W/LINERS & OIL PUMP	F-OVK	OVERHAUL KIT
SD33-OVK	OVERHAUL KIT	F-OVKOP	OVERHAUL KIT W/OIL PUMP
SD33-OVKL	OVERHAUL KIT W/LINERS		
SD33-OVKLOP	OVERHAUL KIT W/LINERS & OIL PUMP	Waukesha	
SD33-OVKOP	OVERHAUL KIT W/OIL PUMP	D155G-OVKL	OVERHAUL KIT W/LINERS
Z24-OVK	OVERHAUL KIT	D176G-OVKL	OVERHAUL KIT W/ LINERS
Z24-OVKOP	OVERHAUL KIT W/OIL PUMP		

Perkins

Genuine Perkins and Aftermarket Perkins Overhaul Kits
are available. Call for Overhaul Kit information.
Build List Required.

ZK-UVKUP	
3P-OVK	OVERHAUL KIT
3P-OVKOP	OVERHAUL KIT W/OIL PUMP
4P-OVK	OVERHAUL KIT
4P-OVKOP	OVERHAUL KIT W/OIL PUMP
4Y-OVK	OVERHAUL KIT
4Y-OVKOP	OVERHAUL KIT W/OIL PUMP
5P-OVK	OVERHAUL KIT
5R-E-OVK	OVERHAUL KIT - EARLY
5R-E-OVKOP	OVERHAUL KIT - EARLY W/OIL PUMP
5R-L-OVK	OVERHAUL KIT - LATE
5R-L-OVKOP	OVERHAUL KIT - LATE W/OIL PUMP
5R-M-OVK	OVERHAUL KIT - MID
5R-M-OVKOP	OVERHAUL KIT - MID W/OIL PUMP
F-OVK	OVERHAUL KIT
F-OVKOP	OVERHAUL KIT W/OIL PUMP

D155G-OV	KL OVERH	AUL KIT W/LINERS
D176G-OV	KL OVERH	AUL KIT W/ LINERS



ALLIS CHALMERS ENGINE OVERHAUL KIT WITH LINERS 06-G153-OVKL

KIT INCLUDES ALL APPL SELECT COMPONENT SIZI			
CYLINDER LINER KIT (PI	STON, RINGS, LINER)	06-G153-LK	
.10 06-0 .20 06-0 .30 06-0	INGS 6153-MBS 6153-MBS.10 6153-MBS.20 6153-MBS.30 6153-MBS.40	.10 06-0 .20 06-0 .30 06-0	NGS 6153-RBS 6153-RBS.10 6153-RBS.20 6153-RBS.30 6153-RBS.40
PIN BUSHINGS O/HAUL GASKET SET	06-G153-PB 06-G153-GA	CAM BEARINGS	06-G153-CBS

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE06-G153-IVEXHAUST VALVE06-G153-EVINTAKE GUIDE06-G153-IVGEXHAUST GUIDE06-G153-EVGVALVE SPRING06-G153-VS

MISCELLANEOUS LIFTERS 06-G153-LIFT REMAN CYLINDER HEAD 06-G153-HEAD-R

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EK-4



ALLIS CHALMERS ENGINE OVERHAUL KIT WITH LINERS 06-G230-OVKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTON, RINGS, LINER) 06-G230-LK

MAIN BEARINGS

STD	06-G230-MBS
.10	06-G230-MBS.10
.20	06-G230-MBS.20
.30	06-G230-MBS.30
.40	06-G230-MBS.40
.30	06-G230-MBS.30

ROD BEARINGSSTD06-G230-RBS.1006-G230-RBS.10.2006-G230-RBS.20.3006-G230-RBS.30.40CALL

 PIN BUSHINGS
 06-G230-PB

 O/HAUL GASKET SET
 06-G230-GA

CAM BEARINGS 06-G230-CBS

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHAUST VALVE INTAKE GUIDE EXHAUST GUIDE VALVE SPRING 06-G230-IV 06-G230-EV 06-G230-IVG 06-G230-EVG 06-G230-VS MISCELLANEOUS LIFTERS 06-G230-LIFT REMAN CYLINDER HEAD 06-G230-HEAD-R

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CATERPILLAR ENGINE OVERHAUL KIT 09-1404-OVK KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT PISTONS **RING SET** STD 09-1404-PIS STD 09-1404-RS .20 09-1404-PIS.20 .20 09-1404-RS.20 .30 09-1404-PIS.30 .30 09-1404-RS.30 09-1404-PIS.40 .40 .40 09-1404-RS.40 MAIN BEARINGS **ROD BEARINGS** STD 09-1404-MBS STD 09-1404-RBS .10 09-1404-MBS.10 .10 09-1404-RBS.10 .20 09-1404-MBS.20 .20 09-1404-RBS.20 .30 09-1404-MBS.30 .30 09-1404-RBS.30 **PIN BUSHINGS** 09-1404-PB **CAM BEARINGS** 09-1404-CBS FREEZE PLUGS 09-1404-FPK **O/HAUL GASKET SET** 09-1404-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

MISCELLANEOUS

CYLINDER HEAD PARTS

 INTAKE VALVE
 09-1404-IV

 EXHAUST VALVE
 09-1404-EV

 INTAKE GUIDE
 09-1404-IVG

 EXHAUST GUIDE
 09-1404-EVG

TWO POSSIBLE SIZES ON VALVE GUIDES .439 OD & .502 OD

** Specify make of truck when ordering parts



CHRYSLER ENGINE OVERHAUL KIT WITH OIL PUMP 26-H225-OVKOP

_		-	PARTS LISTED BE	LOW		
	T COMPONENT SIZE					
PISTO	DNS	MAIN	BEARINGS	MAIN	I BEARINGS	
STD	26-H225-PIS		CAST CRANKSHAFT)		FORGED CRANKSHAFT)	
.10	26-H225-PIS.10	STD	26-H225-MBS	STD	26-H225-MBSFC	
.20	26-H225-PIS.20	.10	26-H225-MBS.10	.10	26-H225-MBSFC.10	
.30	26-H225-PIS.30	.20	26-H225-MBS.20	.20	26-H225-MBSFC.20	
.40	26-H225-PIS.40	.30	26-H225-MBS.30	.30	26-H225-MBSFC.30	
.60	26-H225-PIS.60	.40	26-H225-MBS.40	.40	26-H225-MBSFC.40	
.00	2011220110.00	.60	26-H225-MBS.60	.60	26-H225-MBSFC.60	
RING	SET	RODE	BEARINGS	RODE	BEARINGS	
STD	26-H225-RS	(WITH STD	CAST CRANKSHAFT) 26-H225-RBS	(WITH STD	FORGED CRANKSHAFT) 26-H225-RBSFC	
.10	26-H225-RS.10		26-H225-RBS.10	.10		
.20	26-H225-RS.20		26-H225-RBS.20	.20		
.30	26-H225-RS.30 26-H225-RS.40	.30	26-H225-RBS.30	.30		
.40 .60	26-H225-RS.60	.40	26-H225-RBS.40	.40	26-H225-RBSFC.40	
.00	20-11223-113.00	.60	26-H225-RBS.60	.60	26-H225-RBSFC.60	
PIN BL	JSHINGS	26-H225	5-PB	САМ	IBEARINGS 26-H225-CBS	
O/HAU	JL GASKET SET	26-H225	-GA	OIL F	PUMP 26-H225-OP	

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE26-H225-IVINTAKE GUIDE26-H225-IVGEXHAUST GUIDE26-H225-EVGVALVE SPRING26-H225-VSEXHAUST VALVE 2-GROOVE STEM26-H225-EVEXHASUT VALVE 4-GROOVE STEM26-H225-EV.4G

MISCELLANEOUS LIFTERS 26-H225-LIFT REMAN CYLINDER HEAD 26-H225-HEAD-R CRANKSHAFT KIT 26-H225-CRKIT



CHRYSLER ENGINE OVERHAUL KIT 26-IND-30-OVK

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	26-IND-30-PIS
.10	26-IND-30-PIS.10
.20	26-IND-30-PIS.20
.30	26-IND-30-PIS.30
.40	26-IND-30-PIS.40
.60	26-IND-30-PIS.60

RING SET

STD	26-IND-30-RS
.10	26-IND-30-RS.10
.20	26-IND-30-RS.20
.30	26-IND-30-RS.30
.40	26-IND-30-RS.40
.60	26-IND-30-RS.60

MAIN BEARINGS

STD	26-IND-30-MBS
.10	26-IND-30-MBS.10
.20	26-IND-30-MBS.20
.30	26-IND-30-MBS.30
.40	26-IND-30-MBS.40
.60	26-IND-30-MBS.60

ROD BEARINGS

STD	26-IND-30-RBS
.10	26-IND-30-RBS.10
.20	26-IND-30-RBS.20
.30	26-IND-30-RBS.30
.40	26-IND-30-RBS.40
.60	26-IND-30-RBS.60

CAM BEARINGS 26-IND-30-CBS

MISCELLANEOUS

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

LIFTERS

26-IND-30-LIFT

INTAKE VALVE INTAKE GUIDE EXHAUST GUIDE VALVE SPRING EXHAUST VALVE

PIN BUSHINGS

O/HAUL GASKET SET

26-IND-30-IV 26-IND-30-IVG 26-IND-30-EVG 26-IND-30-VS 26-IND-30-EV

26-IND-30-PB

26-IND-30-GA

CONTINENTAL ENGINE OVERHAUL KIT WITH OIL PUMP 91-F163-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW: SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT (PISTONS, RING SET, FRONT GASKET SET, OIL PUMP, MAIN & ROD BEARINGS) PISTONS RING SET				
STD 91-F163-PIS .20 91-F163-PIS.20 .30 91-F163-PIS.30 .40 91-F163-PIS.40 .60 91-F163-PIS.60	STD 91-F163-RS .20 91-F163-RS.20 .30 91-F163-RS.30 .40 91-F163-RS.40 .60 91-F163-RS.60			
MAIN BEARINGS STD 91-F163-MBS .10 91-F163-MBS.10 .20 91-F163-MBS.20 .30 91-F163-MBS.30	ROD BEARINGS – ONE WAY STD 91-F163-RBS .10 91-F163-RBS.10 .20 91-F163-RBS.20 .30 91-F163-RBS.30 .60 91-F163-RBS.60			
FRONT GASKET SET BAKER 91-F163-FGA.BK CATERPILLAR 91-F163-FGA.CT CLARK 91-F163-FGA.CL HYSTER 91-F163-FGA.HY UNIVERSAL 91-F163-FGA	ROD BEARINGS – STAGGERED STD 91-F163-RBSS .10 91-F163-RBSS.10 .20 91-F163-RBSS.20 .30 91-F163-RBSS.30 .60 91-F163-RBSS.60			
OIL PUMP STEEL GEAR 91-F163-OP CAST GEAR 91-F163-OP.CG				
CAM BEARINGS FREEZE PLUG KIT PIN BUSHINGS TOP GASKET SET BOTTOM GASKET SET	91-F163-FPK 91-F163-PB			

ALL ITEMS LISTED CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS ** SPECIFY OEM BEFORE ORDERING

CYLINDER HEAD PARTS

INTAKE GUIDE9EXHAUST GUIDE9VALVE SPRING9EXHAUST VALVE9INTAKE VALVE9

D PARTS 91-F163-IVG 91-F163-EVG 91-F163-VS 91-F163-EV 91-F163-IV MISCELLANEOUS LIFTERS 91-F163-LIFT OIL PUMP REPAIR KIT 91-F163-OPK CYLINDER LINER 91-F163-CLS CRANKSHAFT KIT 91-F163-CRKIT REMAN CYLINDER HEAD 91-F163-HEAD-R

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CONTINENTAL ENGINE OVERHAUL KIT WITH OIL PUMP 91-F227-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW:					
SELECT COMPONE	SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT				
		ASKET SET, OIL PUMP, MAIN	& ROD BEARINGS)		
PIST	ONS		RING SET		
STD	91-F227-PIS		STD 91-F227-RS		
.20) 91-F227-PIS.20		.20 91-F227-RS.20		
.30) 91-F227-PIS.30		.30 91-F227-RS.30		
.40) 91-F227-PIS.40		.40 91-F227-RS.40		
.60) 91-F227-PIS.60		.60 91 -F227-RS6 0		
ROD BEAR	INGS - ONE WAY		MAIN BEARINGS		
-	91-F227-MBS	-	STD 91-F227-RBS		
.10) 91-F227-MBS.10)	.10 91-F227-RBS.10		
.20) 91-F227-MBS.20)	.20 91-F227-RBS.20		
.30) 91-F227-MBS.30)	.30 91-F227-RBS.30		
.40) 91-F227-MBS.40)	.40 91-F227-RBS.40		
.60) 91-F227-MBS.60)	.60 91-F227-RBS.60		
FRONT GAS			ARINGS – STAGGERED		
	91-F227-FGA.Bł		STD 91-F227-RBSS		
-	91-F227-FGA.CT		.10 91-F227-RBSS.10		
-	91-F227-FGA.Cl		.20 91-F227-RBSS.20		
CLARK – 5 GEAR		5G	.30 91-F227-RBSS.30		
UNIVERSAL	91-F227-FGA		.40 91-F227-RBSS.40		
			.60 91-F227-RBSS.60		
OIL PL	JMP				
STEEL GEAR	91-F227-OP				
CAST GEAR	91-F227-OP.CG				
		CAM BEARINGS	91-F227-CBS		
		FREEZE PLUG KIT			
		PIN BUSHINGS	91-F227-PB		
		TOP GASKET SET	-		
		BOTTOM GASKET SET			
			-		

ALL ITEMS LISTED CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS **** SPECIFY OEM BEFORE ORDERING**

CYLINDER HEAD PARTS **INTAKE GUIDE** 91-F227-IVG EXHAUST GUIDE 91-F227-EVG VALVE SPRING 91-F227-VS EXHAUST VALVE 91-F227-EV INTAKE VALVE 91-F227-IV

MISCELLANEOUS LIFTERS 91-F227-LIFT OIL PUMP REPAIR KIT CYLINDER LINER

CRANKSHAFT KIT

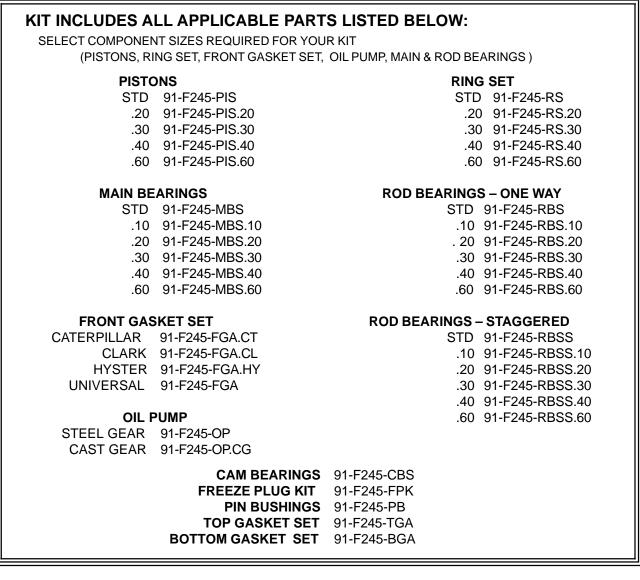
91-F227-OPK 91-F227-CLS 91-F227-CRKIT REMAN CYLINDER HEAD 91-F227-HEAD-R

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CONTINENTAL ENGINE OVERHAUL KIT WITH OIL PUMP 91-F245-OVKOP



ALL ITEMS LISTED CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS ** SPECIFY OEM BEFORE ORDERING

CYLINDER HEAD PARTS INTAKE GUIDE 91-F245-IVG EXHAUST GUIDE 91-F245-EVG VALVE SPRING 91-F245-VS EXHAUST VALVE 91-F245-EV INTAKE VALVE 91-F245-IV MISCELLANEOUS LIFTERS 91-F245-LIFT OIL PUMP REPAIR KIT 91-F245-OPK CYLINDER LINER 91-F245-CLS CRANKSHAFT KIT 91-F245-CRKIT REMAN CYLINDER HEAD 91-F245-HEAD-R

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CONTINENTAL ENGINE OVERHAUL KIT WITH OIL PUMP 91-TM27-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW: SELECT COMPONENT SIZES (PISTONS, RING SET, MAIN & ROD BEARINGS) REQUIRED FOR YOUR KIT				
PISTONS RING SET				
STD	91-TM27-PIS	STD	91-TM27-RS	
.50	91-TM27-PIS.50	.50	91-TM27-RS.50	
	91-TM27-PIS.75	.75	91-TM27-RS.75	
1.00	91-TM27-PIS1.00	1.00	91-TM27-RS1.00	
MAIN BEARING	MAIN BEARINGS ROD BEARINGS			
STD	91-TM27-MBS	STD	91-TM27-RBS	
.25	91-TM27-MBS.25	.25	91-TM27-RBS.25	
.50	91-TM27-MBS.50	.50	91-TM27-RBS.50	
.75	91-TM27-MBS.75	.75	91-TM27-RBS.75	
1.00	91-TM27-MBS1.00	1.00	91-TM27-RBS1.00	
	OIL PUMP			
	PIN BUSHINGS			
	TOP GASKET SET			
	BOTTOM GASKET SET			
	FRONT GASKET SET	91-TM27-FG/	4	

ALL ITEMS LISTED CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS				
INTAKE GUIDE	91-TM27-IVG			
EXHAUST GUIDE	91-TM27-EVG			
VALVE SPRING	91-TM27-VS			
EXHAUST VALVE	91-TM27-EV			

MISCELLANEOUS LIFTERS 91-TM27-LIFT

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All manufacturers' names, numbers, symbols and descriptions are used for reference purpose only, and it is not implied that any part listed is the product of the manufacturer.

CONTINENTAL ENGINE OVERHAUL KIT 91-TMD27-OVK

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW:				
SELECT COMPONENT SIZES (PISTONS, RING SET, MAIN & ROD BEARINGS) REQUIRED FOR YOUR KIT				
PISTONS RING SET				
STD	91-TMD27-PIS	STD 91-TMD27-RS		
.50	91-TMD27-PIS.50	.50 91-TMD27-RS.50		
.75	91-TMD27-PIS.75	.75 91-TMD27-RS.75		
1.00	91-TMD27-PIS100	1.00 91-TMD27-RS1.00		
MAIN BE	MAIN BEARINGS ROD BEARINGS			
STD	91-TMD27-MBS	STD 91-TMD27-RBS		
.25	91-TMD27-MBS.25	.25 91-TMD27-RBS.25		
.50	91-TMD27-MBS.50	.50 91-TMD27-RBS.50		
.75	91-TMD27-MBS.75	.75 91-TMD27-RBS.75		
1.00	91-TMD27-MBS100	1.00 91-TMD27-RBS100		
	PIN BUSHINGS			
	TOP GASKET SET			
	BOTTOM GASKET SET	91-TMD27-BGA		

ALL ITEMS LISTED CAN BE ORDERED SEPARATELY OR

91-TMD27-FGA

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

FRONT GASKET SET

CYLINDER HEAD PARTS

INTAKE GUIDE	91-TMD27-IVG
EXHAUST GUIDE	91-TMD27-EVG
VALVE SPRING	91-TMD27-VS
EXHAUST VALVE	91-TMD27-EV
INTAKE VALVE	91-TMD27-IV

MISCELLANEOUS LIFTERS 91-TMD27-LIFT

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CONTINENTAL ENGINE OVERHAUL KIT WITH OIL PUMP 91-Y112-OVKOP

[
KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW:				
SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT				
(PISTONS, RI	NG SET, FRONT GASKET SET	; OIL PUMP, MAIN & ROD BEARINGS)		
PISTONS RING SET				
STD	91-Y112-PIS	STD 91-Y112-RS		
.20	91-Y112-PIS.20	.20 91-Y112-RS.20		
.30	91-Y112-PIS.30	.30 91-Y112-RS.30		
.40	91-Y112-PIS.40	.40 91-Y112-RS.40		
.60	91-Y112-PIS.60	.60 91-Y112-RS.60		
MAIN BEARI	NGS – FLAT	ROD BEARINGS – ONE WAY		
STD	91-Y112-MBS	STD 91-Y112-RBS		
.10	91-Y112-MBS.10	.10 91-Y112-RBS.10		
.20	91-Y112-MBS.20	.20 91-Y112-RBS.20		
.30	91-Y112-MBS.30	.30 91-Y112-RBS.30		
MAIN BEARINGS		ROD BEARINGS – STAGGERED		
STD	91-Y112-MBSF	STD 91-Y112-RBSS		
.10	91-Y112-MBSF.10	.10 91-Y112-RBSS.10		
.20	91-Y112-MBSF.20	.20 91-Y112-RBSS.20		
.30	91-Y112-MBSF.30	.30 91-Y112-RBSS.30		
FRONT GA	SKET SET	OIL PUMP		
BAKER	91-Y112-FGA.BK	STEEL GEAR 91-Y112-OP		
CLARK	91-Y112-FGA.CL	CAST GEAR 91-Y112-OP.CG		
HYSTER	91-Y112-FGA.HY			
UNIVERSAL	91-Y112-FGA			
	CAM BEARINGS	91-Y112-CBS		
	FREEZE PLUG KIT	91-Y112-FPK		
	PIN BUSHINGS	91-Y112-PB		
	TOP GASKET SET	91-Y112-TGA		
	BOTTOM GASKET SET	91-Y112-BGA		
ALL ITEMS LISTED CAN BE ORDERED SEPARATELY				

ALL ITEMS LISTED CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

** SPECIFY OEM BEFORE ORDERING PARTS

CYLINDER HEAD PARTS INTAKE GUIDE 91-Y112-IVG EXHAUST GUIDE 91-Y112-EVG VALVE SPRING 91-Y112-VS EXHAUST VALVE 91-Y112-EV INTAKE VALVE 91-Y112-IV MISCELLANEOUS LIFTERS 91-Y112-LIFT CYLINDER LINER 91-Y112-CLS OIL PUMP KIT 91-Y112-OPK REMAN CYLINDER HEAD 91-Y112-HEAD-R

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FORD ENGINE OVERHAUL KIT WITH OIL PUMP 08-172-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 08-172-PIS .20 08-172-PIS.20 .30 08-172-PIS.30 .40 08-172-PIS.40 .60 08-172-PIS.60

MAIN BEARINGS

 STD
 08-172-MBS

 .10
 08-172-MBS.10

 .20
 08-172-MBS.20

 .30
 08-172-MBS.30

 .40
 08-172-MBS.40

RING SET

STD 08-172-RS .20 08-172-RS.20 .30 08-172-RS.30 .40 08-172-RS.40 .60 08-172-RS.60

ROD BEARINGS

STD 08-172-RBS
.10 08-172-RBS.10
.20 08-172-RBS.20
.30 08-172-RBS.30
.40 08-172-RBS.40
.50 08-172-RBS.50

OIL PUMP 08-172-OP PIN BUSHINGS 08-172-PB

FREEZE PLUG KIT08O/HAUL GASKET SET08

08-172-FPK 08-172-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS INTAKE GUIDE 08-172-IVG EXHAUST GUIDE 08-172-EVG VALVE SPRING 08-172-VS EXHAUST VALVE 08-172-EV INTAKE VALVE 08-172-IV MISCELLANEOUS LIFTERS 08-172-LIFT

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FORD ENGINE OVERHAUL KIT WITH OIL PUMP 08-172D-OVKOP KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT PISTONS **RING SET** STD 08-172D-PIS STD 08-172D-RS .20 08-172D-PIS.20 .20 08-172D-RS.20 .30 08-172D-PIS.30 .30 08-172D-RS.30 .40 08-172D-PIS.40 .40 08-172D-RS.40 .60 08-172D-RS.60 MAIN BEARINGS ROD BEARINGS STD 08-172D-MBS STD 08-172D-RBS .10 08-172-MBS.10 .10 08-172-RBS.10 .20 .20 08-172-MBS.20 08-172-RBS.20 .30 08-172-MBS.30 .30 08-172-RBS.30 .40 08-172-MBS.40 .40 08-172-RBS.40 08-172-RBS.50 .50 FREEZE PLUG KIT 08-172D-FPK **PIN BUSHINGS** 08-172D-PB **O/HAUL GASKET SET** 08-172D-GA **OIL PUMP W/1 HOLE IN COVER PLATE** 08-172D-OP **OIL PUMP W/2 HOLES IN COVER PLATE** 08-172D-OP2

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE GUIDE08-172-IVGEXHAUST GUIDE08-172-EVGVALVE SPRING08-172-VSEXHAUST VALVE08-172-EVINTAKE VALVE08-172-IV

MISCELLANEOUS LIFTERS 08-172-LIFT



FORD ENGINE OVERHAUL KIT 08-192-OVK

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 08-192-PIS .20 08-192-PIS.20 .30 08-192-PIS.30

MAIN BEARINGS

 STD
 08-192-MBS

 .10
 08-192-MBS.10

 .20
 08-192-MBS.20

 .30
 08-192-MBS.30

 .40
 08-192-MBS.40

RING SET

STD 08-192-RS .20 08-192-RS.20 .30 08-192-RS.30

ROD BEARINGS

STD08-192-RBS.1008-192-RBS.10.2008-192-RBS.20.3008-192-RBS.30.4008-192-RBS.40

 PIN BUSHINGS
 08-192-PB

 O/HAUL GASKET SET
 08-192-GA

 FREEZE PLUG KIT
 08-192-FPK

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS INTAKE GUIDE 08-192-IVG EXHAUST GUIDE 08-192-EVG EXHAUST VALVE 08-192-EV INTAKE VALVE 08-192-IV



GMC ENGINE OVERHAUL KIT WITH OIL PUMP 188-153-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT				
		-		
PISTO	DNS	RING S	SET	
STD	188-153-PIS	STD	188-153-RS	
.20	188-153-PIS.20	.20	188-153-RS.20	
.30	188-153-PIS.30	.30	188-153-RS.30	
.40	188-153-PIS.40	.40	188-153-RS.40	
.60	188-153-PIS.60	.60	188-153-RS.60	
MAIN BE	ARINGS	ROD BEAR	INGS	
STD	188-153-MBS	STD 1	88-153-RBS	
.10	188-153-MBS.10	.20 1	88-153-RBS.20	
.20	188-153-MBS.20	.30 1	88-153-RBS.30	
.30	188-153-MBS.30	.40 1	88-153-RBS.40	
		.50 1	88-153-RBS.50	
OIL PUMP	188-153-OP			
	188-153-CBS	O/HAUL GASKET SET 1	88-153-64	
	100-103-005	UNAUL GASKET SET	00-133-GA	

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

VALVE SPRING	
EXHAUST VALVE	
INTAKE VALVE	

188-153-VS 188-153-EV 188-153-IV MISCELLANEOUS LIFTERS 188-153-LIFT



GMC ENGINE OVERHAUL KIT WITH OIL PUMP 188-181-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 188-181-PIS .20 188-181-PIS.20

- .30 188-181-PIS.30
- .40 188-181-PIS.40
- .60 188-181-PIS.60

MAIN BEARINGS

STD 188-181-MBS .10 188-181-MBS.10

- .20 188-181-MBS.20
- .30 188-181-MBS.30

OIL PUMP 188-181-OP CAM BEARINGS 188-181-CBS

RING SET

STD188-181-RS.20188-181-RS.20.30188-181-RS.30.40188-181-RS.40.60188-181-RS.60

ROD BEARINGS

STD 188-181-RBS
.10 188-181-RBS.10
.20 188-181-RBS.20
.30 188-181-RBS.30
40 188-181-RBS.40

O/HAUL GASKET SET 188-181-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS VALVE SPRING 188-181-VS EXHAUST VALVE 188-181-EV INTAKE VALVE 188-181-IV

LIFTERS

MISCELLANEOUS 188-181-LIFT

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ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-4BB1-OVKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTONS, RING SET, LINERS) 130-4BB1-LK

MAIN BEARINGS

STD 130-4BB1-MBS .25mm .50mm .75mm 1.00mm

130-4BB1-MBS.25 130-4BB1-MBS.50 CALL CALL

STD 130-4BB1-RBS .25mm 130-4BB1-RBS.25 .50mm 130-4BB1-RBS.50 .75mm 130-4BB1-RBS.75 1.00mm CALL

ROD BEARINGS

CAM BEARINGS THRUST WASHERS **PIN BUSHINGS O/HAUL GASKET SET** 130-4BB1-CB 130-4BB1-TW 130-4BB1-PB 130-4BB1-GA

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHASUT VALVE VALVE GUIDE

130-4BB1-IV 130-4BB1-EV 130-4BB1-VG

MISCELLANEOUS FREEZE PLUGS 130-4BB1-FPK HEAD SET 130-4BB1-HS



ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-4BC2-0VKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTONS, RING SET, LINERS) 130-4BC2-LK

MAIN BEARINGS

STD 130-4BC2-MBS .25mm .50mm .75mm 1.00mm

130-4BC2-MBS.25 130-4BC2-MBS.50 130-4BC2-MBS.75 CALL

STD 130-4BC2-RBS .25mm 130-4BC2-RBS.25 .50mm 130-4BC2-RBS.50 .75mm 130-4BC2-RBS.75 1.00mm CALL

ROD BEARINGS

CAM BEARINGS THRUST WASHERS PIN BUSHINGS O/HAUL GASKET SET (06/82 - 10/85) O/HAUL GASKET SET (11/85 ON)

130-4BC2-CB 130-4BC2-TW 130-4BC2-PB 130-4BC2-GAE 130-4BC2-GAL

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS INTAKE VALVE EXHASUT VALVE VALVE GUIDE

130-4BC2-IV 130-4BC2-EV 130-4BC2-VG

MISCELLANEOUS FREEZE PLUGS HEAD SET (06/82-10/85) HEAD SET (11/82 ON)

130-4BC2-FPK 130-4BC2-HSE 130-4BC2-HSL

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ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-4BD1-0VKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTONS, RING SET, LINERS) 130-4BD1-LK

MAIN BEARINGS

STD 130-4BD1-MBS 130-4BD1-MBS.25 .25mm 130-4BD1-MBS.50 .50mm .75mm 130-4BD1-MBS.75 1.00mm CALL

ROD BEARINGS STD 130-4BD1-RBS .25mm 130-4BD1-RBS.25 .50mm 130-4BD1-RBS.50 .75mm 130-4BD1-RBS.75 1.00mm CALL

130-4BD1-CB CAM BEARINGS **THRUST WASHERS PIN BUSHINGS** O/HAUL GASKET SET (1986 - 07/87) O/HAUL GASKET SET (08/87 - 05/90) O/HAUL GASKET SET (06/90-1991)

130-4BD1-TW 130-4BD1-PB 130-4BD1-GAE 130-4BD1-GAM 130-4BD1-GAL

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS INTAKE VALVE

EXHASUT VALVE VALVE GUIDE

130-4BD1-IV 130-4BD1-EV 130-4BD1-VG

MISCELLANEOUS FREEZE PLUGS 130-4BD1-FPK HEAD SET 130-4BD1-HS **OIL PUMP** CALL

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ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-4BD1T-OVKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTONS, RING SET, LINERS) 130-4BD1T-LK

MAIN BEARINGS

STD 130-4BD1T-MBS .25mm 130-4BD1T-MBS.25 .50mm 130-4BD1T-MBS.50 .75mm 130-4BD1T-MBS.75 1.00mm CALL

ROD BEARINGS STD 130-4BD1T-RBS .25mm .50mm .75mm 1.00mm

130-4BD1T-RBS.25 130-4BD1T-RBS.50 130-4BD1T-RBS.75 CALL

CAM BEARINGS	130-4BD1T-CB
THRUST WASHERS	130-4BD1T-TW
PIN BUSHINGS	130-4BD1T-PB
O/HAUL GASKET SET (1986 - 07/87)	130-4BD1T-GAE
O/HAUL GASKET SET (08/87 - 05/90)	130-4BD1T-GAM
O/HAUL GASKET SET (06/90-1991)	130-4BD1T-GAL

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS INTAKE VALVE EXHASUT VALVE VALVE GUIDE

130-4BD1T-IV 130-4BD1T-EV 130-4BD1T-VG

FREEZE PLUGS HEAD SET **OIL PUMP**

MISCELLANEOUS 130-4BD1T-FPK 130-4BD1T-HS CALL

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ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-4BD2TC-OVKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

 CYLINDER LINER KIT (PISTONS, RING SET, LINERS) (01/91-11/93)
 130-4BD2TC-LKE

 CYLINDER LINER KIT (PISTONS, RING SET, LINERS) (12/93-12/97)
 130-4BD2TC-LKL

MAIN BEARINGS

STD .25mm .50mm .75mm 1.00mm

130-4BD2TC-MBS 130-4BD2TC-MBS.25 130-4BD2TC-MBS.50 130-4BD2TC-MBS.75 CALL

CAM BEARINGS THRUST WASHERS PIN BUSHINGS O/HAUL GASKET SET (01/91 - 11/93) O/HAUL GASKET SET (12/93 - ON)
 ROD BEARINGS

 STD
 130-4BD2TC-RBS

 .25mm
 130-4BD2TC-RBS.25

 .50mm
 130-4BD2TC-RBS.50

 .75mm
 130-4BD2TC-RBS.75

 1.00mm
 CALL

130-4BD2TC-CB 130-4BD2TC-TW 130-4BD2TC-PB 130-4BD2TC-GAE 130-4BD2TC-GAL

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHASUT VALVE VALVE GUIDE 130-4BD2TC-IV 130-4BD2TC-EV 130-4BD2TC-VG MISCELLANEOUS FREEZE PLUGS 130-4

OIL PUMP

130-4BD2TC-FPK CALL



ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-4JB1-0VKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTONS, RING SET, LINERS) 130-4JB1-LK

MAIN BEARINGS

STD .25mm .50mm .75mm 1.00mm 130-4JB1-MBS 130-4JB1-MBS.25 130-4JB1-MBS.50 130-4JB1-MBS.75 CALL

STD 130-4JB1-RBS .25mm .50mm .75mm 1.00mm

130-4JB1-RBS.25 130-4JB1-RBS.50 130-4JB1-RBS.75 CALL

ROD BEARINGS

CAM BEARINGS 130-4JB1-CB THRUST WASHERS 130-4JB1-TW PIN BUSHINGS 130-4JB1-PB **O/HAUL GASKET SET** 130-4JB1-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHASUT VALVE VALVE GUIDE

130-4JB1-IV 130-4JB1-EV 130-4JB1-VG **MISCELLANEOUS**

FREEZE PLUGS GLOW PLUG

CALL 130-4JB1-GP

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ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-6BB1-OVKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT				
M STD .25mm .50mm .75mm 1.00mm	AIN BEARINGS 130-6BB1-MBS 130-6BB1-MBS.25 130-6BB1-MBS.50 130-6BB1-MBS.75 CALL	.25mm 130 .50mm 130	ARINGS 0-6BB1-RBS 0-6BB1-RBS.25 0-6BB1-RBS.50 0-6BB1-RBS.75 CALL	
STANDARD SIZES LINERS PISTONS RING SET	SONLY 130-6BB1-LIN 130-6BB1-PIS 130-6BB1-RS	CAM BEARINGS THRUST WASHERS PIN BUSHINGS O/HAUL GASKET SET	130-6BB1-CB 130-6BB1-TW 130-6BB1-PB 130-6BB1-GA	

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHASUT VALVE VALVE GUIDE 130-6BB1-IV 130-6BB1-EV 130-6BB1-VG FREEZE PLUGS CALL OIL PUMP CALL

MISCELLANEOUS



ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-6BD1-OVKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTONS, RING SET, LINERS) 130-6BD1-LK

MAIN BEARINGS

STD .25mm .50mm .75mm 1.00mm 130-6BD1-MBS 130-6BD1-MBS.25 130-6BD1-MBS.50 130-6BD1-MBS.75 CALL

.50mm .75mm 1.00mm 130-6BD1-CB 130-6BD1-TW 130-6BD1-PB 130-6BD1-GA1

STD

.25mm

130-6BD1-RBS 130-6BD1-RBS.25 130-6BD1-RBS.50 130-6BD1-RBS.75 CALL

ROD BEARINGS

CAM BEARINGS	130-6BD1-CB
THRUST WASHERS	130-6BD1-TW
PIN BUSHINGS	130-6BD1-PB
O/HAUL GASKET SET (1973 - 11/81)	130-6BD1-GA1
O/HAUL GASKET SET (12/81-12/83)	130-6BD1-GA2
O/HAUL GASKET SET (01/84-08/86)	130-6BD1-GA3
O/HAUL GASKET SET (09/86-11/86)	130-6BD1-GA4
O/HAUL GASKET SET (12/86-12/90)	130-6BD1-GA5

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

MISCELLANEOUS

INTAKE VALVE	130-6BD1-IV	FREEZE PLUGS	CALL
EXHASUT VALVE	130-6BD1-EV	OIL PUMP	CALL
VALVE GUIDE	130-6BD1-VG	HEAD SET	CALL

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ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-6BD1T-OVKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTONS, RING SET, LINERS) 130-6BD1T-LK

MAIN BEARINGS

STD .25mm .50mm .75mm 1.00mm

130-6BD1T-MBS 130-6BD1T-MBS.25 130-6BD1T-MBS.50 130-6BD1T-MBS.75 CALL

CAM BEARINGS THRUST WASHERS PIN BUSHINGS O/HAUL GASKET SET (1973 - 11/81) O/HAUL GASKET SET (12/81-12/83) O/HAUL GASKET SET (01/84-08/86) O/HAUL GASKET SET (09/86-11/86) O/HAUL GASKET SET (12/86-12/90)

ROD BEARINGS STD 130-6BD1T-RBS .25mm .50mm .75mm 1.00mm

130-6BD1T-CB 130-6BD1T-TW 130-6BD1T-PB 130-6BD1T-GA1 130-6BD1T-GA2 130-6BD1T-GA3 130-6BD1T-GA4 130-6BD1T-GA5

130-6BD1T-RBS.25 130-6BD1T-RBS.50 130-6BD1T-RBS.75 CALL

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHASUT VALVE VALVE GUIDE

130-6BD1T-IV 130-6BD1T-EV 130-6BD1T-VG **MISCELLANEOUS**

FREEZE PLUGS CALL CALL OIL PUMP CALL HEAD SET

Toll Free USA & Canada: 800-321-9983, Mexico: 001-800-561-1897 Fax: 330/342-3895 www.joseph.com



ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-6BG1-0VKL

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTONS, RING SET, LINERS) 130-6BG1-LK

MAIN BEARINGS

STD .25mm .50mm .75mm 1.00mm 130-6BG1-MBS 130-6BG1-MBS.25 130-6BG1-MBS.50 130-6BG1-MBS.75 CALL STD .25mm .50mm .75mm 1.00mm

130-6BG1-RBS 130-6BG1-RBS.25 130-6BG1-RBS.50 130-6BG1-RBS.75 CALL

ROD BEARINGS

CAM BEARINGS THRUST WASHERS PIN BUSHINGS O/HAUL GASKET SET 130-6BG1-CB 130-6BG1-TW 130-6BG1-PB 130-6BG1-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHAUST VALVE VALVE GUIDE 130-6BG1-IV 130-6BG1-EV 130-6BG1-VG MISCELLANEOUS FREEZE PLUGS

CALL

Toll Free USA & Canada: 800-321-9983, Mexico: 001-800-561-1897 Fax: 330/342-3895 www.joseph.com



ISUZU ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 130-C240-OVKLOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

LINERS 130-C240-LIN PISTONS 130-C240-PIS RING SET 130-C240-RS CAM BEARINGS 130-C240-CBS THRUST WASHERS 130-C240-TWS

MAIN BEARINGS

STD	130-C240-MBS
.25mm	130-C240-MBS.25
.50mm	130-C240-MBS.50
.75mm	130-C240-MBS.75
1.00mm	130-C240-MBS1.00

130-C240-PB
130-C240-OP
130-C240-GA
130-C240-FPK

ROD BEARINGS

STD	130-C240-RBS
.25mm	130-C240 RBS.25
.50mm	130-C240-RBS.50
.75mm	130-C240-RBS.75
1.00mm	130-C240-RBS1.00

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHAUST VALVE VALVE GUIDE LINER KIT

130-C240-IV 130-C240-EV 130-C240-VG 130-C240-LK MISCELLANEOUS

HEAD SET CAMSHAFT LIFTERS 130-C240-HS 130-C240-CAM 130-C240-LIFT





MAZDA ENGINE OVERHAUL KIT 320-D5-OVK

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	320-D5-PIS
.50mm	320-D5-PIS.50
.75mm	320-D5-PIS.75
1.00mm	320-D5-PIS1.00

MAIN BEARINGS

STD	320-D5-MBS
.25mm	320-D5-MBS.25
.50mm	320-D5-MBS.50
.75mm	320-D5-MBS.75
1.00mm	320-D5-MBS1.00

TIMING CHAIN FREEZE PLUGS **THRUST WASHERS**

320-D5-TC** 320-D5-FPK 320-D5-TWS

RING SET

STD	320-D5-RS
.50mm	320-D5-RS.50
.75mm	320-D5-RS.75
1.00mm	320-D5-RS1.00

ROD BEARINGS

STD	320-D5-RBS
.25mm	320-D5-RBS.25
.50mm	320-D5-RBS.50
.75mm	320-D5-RBS.75
1.00mm	320-D5-RBS1.00

O/HAUL GASKET SET 320-D5-GA OIL PUMP DRIVE CHAIN 320-D5-OPDC OIL PUMP REPAIR KIT

320-D5-OPK

** SPECIFY SINGLE OR DOUBLE ROW TIMING CHAIN

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHAUST VALVE VALVE GUIDE VALVE SPRING STEM SEALS

320-D5-IV 320-D5-EV 320-D5-VG 320-D5-VS 320-D5-SS

MISCELLANEOUS

320-D5-CRSP
320-D5-CASP
320-D5-TEN
320-D5-COPS
320-D5-PSP
320-D5-GRL
320-D5-GRR
320-D5-CAM

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MAZDA ENGINE OVERHAUL KIT WITH OIL PUMP 320-F2-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	320-F2-PIS
.50mm	320-F2-PIS.50
.75mm	320-F2-PIS.75
1.00mm	320-F2-PIS1.00

MAIN BEARINGS

STD 320-F2-MBS	
.25mm 320-F2-MBS.25	5
.50mm 320-F2-MBS.50)
.75mm 320-F2-MBS.75	5
1.00mm 320-F2-MBS1.0)0

TIMING BELT 320-F2-TB

TIMING CHAIN 320-F2-TC

O/HAUL GASKET SET **O/HAUL GASKET SET** OIL PUMP FREEZE PLUGS

EK-32

320-F2-GA 320-F2-OP 320-F2-FPK

(TIMING BELTAPPLICATION) 320-F2-GA-TC (TIMING CHAIN APPLICATION) (FITS BELT APPLICATION ONLY)

RING SET

1

STD	320-F2-RS
.50mm	320-F2-RS.50
.75mm	320-F2-RS.75
.00mm	320-F2-RS1.00

ROD BEARINGS

SID	320-F2-RBS
.25mm	320-F2-RBS.25
.50mm	320-F2-RBS.50
.75mm	320-F2-RBS.75
1.00mm	320-F2-RBS1.00

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE	320-F2-IV
EXHAUST VALVE	320-F2-EV
VALVE GUIDE	320-F2-VG
INNER VALVE SPRING	320-F2-IS
OUTER VALVE SPRING	320-F2-OS
STEM SEALS	320-F2-SS

MISCELLANEOUS

HEAD SET 320-F2-HS 320-F2-TEN TENSIONER IDLER 320-F2-ID CAM SHAFT 320-F2-CAM WATER PUMP CALL CALL SLEEVE CONN ROD CALL CALL ROCKER ASSY





MAZDA ENGINE OVERHAUL KIT WITH OIL PUMP 320-FE-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	320-FE-PIS
50mm	320-FE-PIS.50
.75mm	320-FE-PIS.75
1.00mm	320-FE-PIS1.00

MAIN BEARINGS

STD	320-FE-MBS
.25mm	320-FE-MBS.25
.50mm	320-FE-MBS.50
.75mm	320-FE-MBS.75
1.00mm	320-FE-MBS1.00

RING SET

STD 320-FE-RS .50mm 320-FE-RS.50 .75mm 320-FE-RS.75 1.00mm 320-FE-RS1.00

ROD BEARINGS

STD 320-FE-RBS .25mm 320-FE-RBS.25 .50mm 320-FE-RBS.50 .75mm 320-FE-RBS.75 1.00mm 320-FE-RBS1.00

 OIL PUMP
 320-FE-OP

 TIMING BELT
 320-FE-TB

 O/HAUL GASKET SET
 320-FE-GA

 FREEZE PLUGS
 320-FE-FPK

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE	320-FE-IV
EXHAUST VALVE	320-FE-EV
VALVE GUIDE	320-FE-VG
INNER VALVE SPRING	320-FE-IVS
OUTER VALVE SPRING	320-FE-OS
STEM SEALS	320-FE-SS

MISCELLANEOUS

HEAD SET	320-FE-HS
TENSIONER	320-FE-TEN
CAMSHAFT	320-FE-CAM
WATER PUMP	320-FE-WP
SLEEVE	320-FE-SL
CONN ROD	CALL
ROCKER ASSY	CALL

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MAZDA ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 320-UA-OVKLOP

KIT INCLUDES ALL AF SELECT COMPONENT			
PISTONS	,	PIN BUSHINGS O/HAUL GASKET SET OIL PUMP	320-UA-GA
.25mm .50mm	ARINGS 320-UA-MBS 320-UA-MBS.25 320-UA-MBS.50 320-UA-MBS.75	.25mm .50mm	320-UA-RBS

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

1.00mm 320-UA-MBS1.00

INTAKE VALVE EXHAUST VALVE VALVE GUIDE VALVE SPRINGS STEM SEALS

320-UA-IV 320-UA-EV 320-UA-VG 320-UA-VS 320-UA-SS

MISCELLANEOUS

1.00mm 320-UA-BS1.00

PTO CHAIN 320-UA-PTOC CAM PLUG 320-UA-CP 320-UA-LIFT LIFTERS LINER KIT 320-UA-LK CAMSHAFT 320-UA-CAM TAPPETS 320-UA-TAP PUSH ROD TUBE 320-UA-PUR



MAZDA ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 320-VA-OVKLOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

SELECT COMPONENT SIZES REQUIRED FOR YOUR KI

LINERS 320-VA-LIN PISTONS 320-VA-PIS RING SET 320-VA-RS

MAIN BEARINGS

 STD
 320-VA-MBS

 .25mm
 320-VA-MBS.25

 .50mm
 320-VA-MBS.50

 .75mm
 320-VA-MBS.75

 1.00mm
 320-VA-MBS1.00

ROD BEARINGS

STD 320-VA-RBS .25mm 320-VA-RBS.25 .50mm 320-VA-RBS.50 .75mm 320-VA-RBS.75 1.00mm 320-VA-RBS1.00

OIL PUMP 320-VA-OP PIN BUSHINGS 320-VA-PB WITHOUT PTO O/HAUL GASKET SET 320-VA-GA FRONT COVER HAS PTO O/HAUL GASKET SET 320-VA-GAC

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE	320-VA-IV
EXHAUST VALVE	320-VA-EV
VALVE GUIDE	320-VA-VG
VALVE SPRINGS	320-VA-VS
STEM SEALS	320-VA-SS

MISCELLANEOUS

CAM PLUG 320-VA-CP LIFTERS 320-VA-LIFT LINER KIT 320-VA-LK PTO CHAIN 320-VA-PTOC CAMSHAFT 320-VA-CAM CAM BEARING SET 320-VA-CBS (IF APPLICABLE) CRANK GEAR 320-VA-CRG CAM GEAR (FIBER) 320-VA-CAG CAM GEAR (STEEL) 320-VA-CAGS HEAD GASKET 320-VA-HGA TAPPETS 320-VA-TAP PUSH ROD TUBE 320-VA-PUR

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MITSUBISHI ENGINE OVERHAUL KIT WITH OIL PUMP KIT 4-4G32-OVKOPK

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	4-4G32-PIS
.50mm	4-4G32-PIS.50
.75mm	4-4G32-PIS.75
1.00mm	4-4G32-PIS1.00

MAIN BEARINGS

STD	4-4G32-MBS
.25mm	4-4G32-MBS.25
.50mm	4-4G32-MBS.50
.75mm	4-4G32-MBS.75
1.00mm	4-4G32-MBS1.00

TIMING BELT 4-4G32-TB FREEZE PLUGS 4-4G32-FPK

RING SET

STD	4-4G32-RS
.50mm	4-4G32-RS.50
.50mm	4-4G32-RS.75
1.00mm	4-4G32-RS1.00

ROD BEARINGS

STD	4-4G32-RBS
.25mm	4-4G32-RBS.25
.50mm	4-4G32-RBS.50
.75mm	4-4G32-RBS.75
1.00mm	4-4G32-RBS1.00

O/HAUL GASKET SET 4-4G32-GA OIL PUMP KIT 4-4G32-OPK

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

(ROUND GROOVE VALVE)

INTAKE VALVE	4-4G32-IV
EXHAUST VALVE	4-4G32-EV
VALVE SPRING	4-4G32-VS
INTAKE GUIDE	4-4G32-IVG
EXHAUST GUIDE	4-4G32-EVG
STEM SEALS	4-4G32-SS
KEEPER	4-4G32-K

MISCELLANEOUS

WATER PUMP	4-4G32-WP
CAM GEAR	4-4G32-CAG
TENSIONER	4-4G32-TEN
SLEEVE	4-4G32-SL
CAMSHAFT	4-4G32-CAM
CRANK GEAR	4-4G32-CRG
PUMP DRIVE GEAR	4-4G32-PDG



MITSUBISHI ENGINE OVERHAUL KIT WITH OIL PUMP KIT 4-4G33-OVKOPK

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	4-4G33-PIS
.50mm	4-4G33-PIS.50
1.00mm	4-4G33-PIS1.00

MAIN BEARINGS

STD	4-4G33-MBS
.25mm	4-4G33-MBS.25
.50mm	4-4G33-MBS.50
.75mm	4-4G33-MBS.75
1.00mm	4-4G33-MBS1.00

FREEZE PLUGS 4-4G33-FPK OIL PUMP KIT 4-4G33-OPK

RING SET

STD 4-4G33-RS .50mm 4-4G33-RS.50 1.00mm 4-4G33-RS1.00

ROD BEARINGS

STD	4-4G33-RBS
.25mm	4-4G33-RBS.25
.50mm	4-4G33-RBS.50
.75mm	4-4G33-RBS.75
1.00mm	4-4G33-RBS1.00

MISCELLANEOUS

O/HAUL GASKET SET 4-4G33-GA TIMING BELT (120 TTH) 4-4G33-TB120 TIMING BELT (122 TTH) 4-4G33-TB122 SPECIFY IF SQUARE TOOTH BELT

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

(ROUND GROOVE VALVE)

4-4G33-I\
4-4G33-E
4-4G33-k

V ΕV <

WATER PUMP 4-4G33-WP CAM GEAR - CAST 4-4G33-CAG CAM GEAR - STEEL 4-4G33-CAGS **TENSIONER - ROUND TOOTH BELT** 4-4G33-TEN **TENSIONER - SQUARE TOOTH BELT** 4-4G33-TEN.SQ SLEEVE 4-4G33-SL CAMSHAFT 4-4G33-CAM CRANK GEAR 4-4G33-CRG 4-4G33-PDG PUMP DRIVE GEAR

(SQUARE GROOVE VALVE)

INTAKE VALVE	4-4G33-IV.SQ
EXHAUST VALVE	4-4G33-EV.SQ
KEEPER	4-4G33-K.SQ

4-4G33-VS
4-4G33-IVG
4-4G33-EVG
4-4G33-SS



MITSUBISHI ENGINE OVERHAUL KIT WITH OIL PUMP 4-4G52-OVKOP

PISTON	S	RING	SET
STD	4-4G52-PIS	STD	4-4G52-RS
.50mm	4-4G52-PIS.50	.50mm	4-4G52-RS.50
.75mm	4-4G52-PIS.75	.75mm	4-4G52-RS.75
1.00mm	4-4G52-PIS1.00	1.00mm	4-4G52-RS1.00
MAIN BEARINGS	(EARLY)	ROD BEAI	RINGS
CRANKSHAFT JOU	RNAL DIAMETER IS 66mm		
STD	4-4G52-MBS	STD	4-4G52-RBS
.25mm	4-4G52-MBS.25	.25mm	4-4G52-RBS.25
.50mm	4-4G52-MBS.50	.50mm	4-4G52-RBS.50
.75mm	4-4G52-MBS.75	.75mm	4-4G52-RBS.75
1.00mm	4-4G52-MBS1.00	1.00mm	4-4G52-RBS1.00
MAIN BEARI	NGS (LATE)		
CRANKSHAFT JOU	RNAL DIAMETER IS 60mm		
STD	4-4G52-MBSL		
.25mm	4-4G52-MBSL.25		
.50mm	4-4G52-MBSL.50		
.75mm	4-4G52-MBSL.75		
1.00mm	4-4G52-MBSL1.00		
FREEZE PLUGS	4-4G52-FPK	OIL PUMP DRIV	/E CHAIN 4-4G52-OPDC
TIMING CHAIN	4-4G52-TC	O/HAUL GAS	KETSET 4-4G52-GA
	4-4G52-OP		

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS CYLINDER HEAD PARTS

• • • • • • • • • • • • • • • • • • • •			ISC TIMING COM		POINEINTS
(ROUND GROOVE VA	LVE)	HEAD SET	4-4G52-HS	CRANK O/P SPROCKE	ET 4-4G52-COPS
INTAKE VALVE	4-4G52-IV	SLEEVE	4-4G52-SL	PUMP O/P SPROCKE	T 4-4G52-POPS
EXHAUST VALVE	4-4G52-EV	CAMSHAFT	4-4G52-CAM	CRANK SPROCKET	4-4G52-CRSP
KEEPER	4-4G52-K	WATER PUMP	4-4G52-WP	CAM SPROCKET	4-4G52-CASP
		FRONT CAM HAI	LF MOON	TENSIONER	4-4G52-TEN
(SQUARE GROOVE VALVE)			4-4G52-CSF	GUIDE RAIL (TENSION) 4-4G52-GRT
INTAKE VALVE	4-4G52-IV.SQ	REAR CAM HALI	F MOON	GUIDE RAIL (SLACK)	4-4G52-GRS
EXHAUST VALVE	4-4G52-EV.SQ		4-4G52-CSR		
KEEPER	4-4G52-K.SQ	HEAD GASKET	4-4G52-HGA		
		CONNECTING RO	DD		
VALVE SPRING	4-4G52-VS	4-	4G52-CCR		
INTAKE GUIDE	4-4G52-IVG				
EXHAUST GUIDE	4-4G52-EVG				

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STEM SEALS

ROCKER ARM

4-4G52-SS

4-4G52-RA





MITSUBISHI ENGINE OVERHAUL KIT WITH OIL PUMP 4-4G54-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 4-4G54-PIS .50mm 4-4G54-PIS.50 .75mm 4-4G54-PIS.75 1.00mm 4-4G54-PIS1.00 1.50mm 4-4G54-PIS1.50

MAIN BEARINGS

STD 4-4G54-MBS .25mm 4-4G54-MBS.25 .50mm 4-4G54-MBS.50 .75mm 4-4G54-MBS.75 1.00mm 4-4G54-MBS1.00

OIL PUMP 4-4G54-OP FREEZE PLUGS 4-4G54-FPK TIMING CHAIN 4-4G54-TC

4-4G54-EVG

4-4G54-SS 4-4G54-RA

EXHAUST GUIDE

STEM SEALS

ROCKER ARM

RING SET

STD 4-4G54-RS .50mm 4-4G54-RS.50 .75mm 4-4G54-RS.75 1.00mm 4-4G54-RS1.00 1.50mm 4-4G54-RS1.50

ROD BEARINGS

STD 4-4G54-RBS .25mm 4-4G54-RBS.25 .50mm 4-4G54-RBS.50 .75mm 4-4G54-RBS.75 1.00mm 4-4G54-RBS1.00

OIL PUMP DRIVE CHAIN 4-4G54-OPDC

O/HAUL GASKET SET 4-4G54-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS		MISC		TIMING COMPONENTS	
(ROUND GROOVE VALVE)		HEAD SET	4-4G54-HS	CRANK O/P SPROCKE	ET 4-4G54-COPS
INTAKE VALVE	4-4G54-IV	SLEEVE	4-4G54-SL	PUMP O/P SPROCKE	T 4-4G54-POPS
EXHAUST VALVE	4-4G54-EV	CAMSHAFT	4-4G54-CAM	CRANK SPROCKET	4-4G54-CRSP
KEEPER	4-4G54-K	WATER PUMP	4-4G54-WP	CAM GEAR	4-4G54-CAG
		FRONT CAM HA	LF MOON	TENSIONER	4-4G54-TEN
(SQUARE GROOVE VALVE)			4-4G54-CSF	GUIDE RAIL (TENSION) 4-4G54-GRT
INTAKE VALVE	4-4G54-IV.SQ	HEAD GASKET	4-4G54-HGA	GUIDE RAIL (SLACK)	4-4G54-GRS
EXHAUST VALVE	4-4G54-EV.SQ	CONNECTING R	DD	CAM SPROCKET	4-4G54-CASP
KEEPER	4-4G54-K.SQ	4-	4G54-CCR	CAM PLUG	4-4G54-CP
				CRANK GEAR	4-4G54-CRG
VALVE SPRING	4-4G54-VS				
INTAKE GUIDE	4-4G54-IVG				

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All manufacturers' names, numbers, symbols and descriptions are used for reference purpose only, and it is not implied that any part listed is the product of the manufacturer.



MITSUBISHI ENGINE OVERHAUL KIT WITH OIL PUMP 4-4G54B-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW			
SELECT COMPON	ENT SIZES REQUIRED FO	R YOUR KIT	
PISTO		RING S	
STD	4-4G54B-PIS	STD	4-4G54B-RS
.50mm	4-4G54B-PIS.50	.50mm	4-4G54B-RS.50
.75mm	4-4G54B-PIS.75	.75mm	4-4G54B-RS.75
1.00mm	4-4G54B-PIS1.00	1.00mm	4-4G54B-RS1.00
MAIN BEARINGS		ROD BEARINGS	
STD	4-4G54B-MBS	STD	4-4G54B-RBS
.25mm	4-4G54B-MBS.25	.25mm	4-4G54B-RBS.25
.50mm	4-4G54B-MBS.50	.50mm	4-4G54B-RBS.50
.75mm	4-4G54B-MBS.75	.75mm	4-4G54B-RBS.75
1.00mm	4-4G54B-MBS1.00	1.00mm	4-4G54B-RBS1.00
BAL. SHAFT CHAIN	4-4G54B-BSC	BAL. SHAFT BEARINGS	4-4G54B-BSR
FREEZE PLUGS	4-4G54B-FPK	O/HAUL GASKET SET	4-4G54B-GA
	4-4G54B-TC	OIL PUMP	4-4G54B-OP

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEA (ROUND GROOM INTAKE VALVE EXHAUST VALVE KEEPER (SQUARE GROO INTAKE VALVE EXHAUST VALVE	VE VALVE) 4-4G54B-IV 4-4G54B-EV 4-4G54B-K VE VALVE) 4-4G54B-IV.SQ 4-4G54B-EV.SQ	CRANK SPROCKET CAM SPROCKET TENSIONER GUIDE RAIL (TENSION GUIDE RAIL (SLACK) HEAD SET		ANEOUS SLEEVE CAMSHAFT WATER PUMP CAM PLUG HEAD GASKET CONN RODS	4-4G54B-SL 4-4G54B-CAM 4-4G54B-WP 4-4G54B-CP 4-4G54B-HGA 4-4G54B-CCR
KEEPER	4-4G54B-K.SQ				
		•	ANCE SHAFT CO	•	
VALVE SPRING	4-4G54B-VS	CRANK BA	L. SPROCKET	4-4G54B-CRBS	
INTAKE GUIDE	4-4G54B-IVG	BAL. SHAF	T SPROCKET	4-4G54B-BSSP (REQ.2)	
EXHAUST GUIDE	4-4G54B-EVG	GUIDE RA	IL (LOWER L)	4-4G54B-GRLL	
STEM SEALS	4-4G54B-SS	GUIDE RA	IL (LOWER R)	4-4G54B-GRLR	
ROCKERARM	4-4G54B-RA	GUIDE RAI	IL (UPPER)	4-4G54B-GRU	

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BAL. SHAFT

BAL. SHAFT (O/P)

4-4G54B-BS

4-4G54B-BSOP





MITSUBISHI ENGINE OVERHAUL KIT 4-4G63-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

4-4G63-PIS
4-4G63-PIS.50
4-4G63-PIS.75
4-4G63-PIS1.00

MAIN BEARINGS

STD4-4G63-MBS.25mm4-4G63-MBS.25.50mm4-4G63-MBS.50.75mm4-4G63-MBS.75

RING SET

STD 4-4G63-RS .50mm 4-4G63-RS.50 .75mm 4-4G63-RS.75 1.00mm 4-4G63-RS1.00

ROD BEARINGS

STD 4-4G63-RBS .25mm 4-4G63-RBS.25 .50mm 4-4G63-RBS.50 .75mm 4-4G63-RBS.75

* SPECIFY FLANGED MAINS OR EXTERNAL THRUST WASHERS

 FREEZE PLUGS
 4-4G63-FPK

 TIMING BELT
 4-4G63-TB

 OIL PUMP
 4-4G63-OP

O/HAUL GASKET SET 4-4G63-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE4-4G63-IVEXHAUST VALVE4-4G63-EVVALVE SPRING4-4G63-VSINTAKE GUIDE4-4G63-IVGEXHAUST GUIDE4-4G63-EVGSTEM SEALS4-4G63-SSKEEPER4-4G63-K

MISCELLANEOUS

TENSIONER	4-4G63-TEN
VALVE GRIND SET	4-4G63-TGA
LIFTER/LASH ADJ	4-4G63-LA
CAMSHAFT	4-4G63-CAM
VALVE GRIND SET	4-4G63-VGS
WATER PUMP	4-4G63-WP
SLEEVE	4-4G63-SL

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MITSUBISHI ENGINE OVERHAUL KIT 4-4G63B-OVK

KIT INCLUDES ALL	APPLICABLE PAR	TS LISTED BELOW	
SELECT COMPONE	NT SIZES REQUIRED F	OR YOUR KIT	
PISTO	NS	RING	9ET
STD	4-4G63B-PIS	STD	4-4G63B-RS
.50mm	4-4G63B-PIS.50	.50mm	4-4G63B-RS.50
.75mm	4-4G63B-PIS.75	.75mm	4-4G63B-RS.75
1.00mm	4-4G63B-PIS1.00	1.00mm	4-4G63B-RS1.00
MAIN BEARINGS ROD BEARINGS		RINGS	
STD	4-4G63B-MBS	STD	4-4G63B-RBS
.25mm	4-4G63B-MBS.25	.25mm	4-4G63B-RBS.25
.50mm	4-4G63B-MBS.50	.50mm	4-4G63B-RBS.50
.75mm	4-4G63B-MBS.75	.75mm	4-4G63B-RBS.75
	** SPECIFY FLANGE	ED MAINS OR EXTERNAL THRUST	WASHERS
OIL PUMP	4-4G63B-OP	BAL. SHAFT BEARIN	NGS 4-4G63B-BSR
FREEZE PLUGS	4-4G63B-FPK	O/HAUL GASKET	SET 4-4G63B-GA
TIMING BELT	4-4G63B-TB	BAL SHAFT BELT 55 TE	ETH 4-4G63B-BSBL
		BAL SHAFT BELT 65 SMALL TE	ETH 4-4G63B-BSB

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS INTAKE VALVE 4-4G63B-IV EXHAUST VALVE 4-4G63B-EV VALVE SPRING 4-4G63B-VS INTAKE GUIDE 4-4G63B-IVG EXHAUST GUIDE 4-4G63B-EVG

4-4G63B-SS

4-4G63B-K

STEM SEALS

KEEPER

MISCELLANEOUS TENSIONER 4-4G63B-TEN BALANCE TENSIONER 4-4G63B-BT VALVE GRIND SET 4-4G63B-TGA LIFTER/LASH ADJ 4-4G63B-LA CAMSHAFT 4-4G63B-CAM WATER PUMP 4-4G63B-WP SLEEVE 4-4G63B-SL BALANCE TENSIONER - LARGE 4-4G63B-BTL

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MITSUBISHI ENGINE OVERHAUL KIT 4-4G64-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 4-4G64-PIS .25mm 4-4G64-PIS.25 .50mm 4-4G64-PIS.50 .75mm 4-4G64-PIS.75 1.00mm 4-4G64-PIS1.00

MAIN BEARINGS

STD 4-4G64-MBS .25mm 4-4G64-MBS.25 .50mm 4-4G64-MBS.50 .75mm 4-4G64-MBS.75

 FREEZE PLUGS
 4-4G64-FPK

 TIMING BELT
 4-4G64-TB

 TIMING BELT
 4-4G64-TBL

 OIL PUMP
 4-4G64-OP

RING SET

 STD
 4-4G64-RS

 .25mm
 4-4G64-RS.25

 .50mm
 4-4G64-RS.50

 .75mm
 4-4G64-RS.75

 1.00mm
 4-4G64-RS1.00

ROD BEARINGS

STD 4-4G64-RBS .25mm 4-4G64-RBS.25 .50mm 4-4G64-RBS.50 .75mm 4-4G64-RBS.75

O/HAUL GASKET SET 4-4G64-GA

(ENG. SERIAL # UP TO 9301-1) (ENG. SERIAL # 9301-1)

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE4-4G64-IVEXHAUST VALVE4-4G64-EVVALVE SPRING4-4G64-VSINTAKE GUIDE4-4G64-IVGEXHAUST GUIDE4-4G64-EVGSTEM SEALS4-4G64-SSKEEPER4-4G64-K

MISCELLANEOUS

MICOLED (12000
TENSIONER	4-4G64-TEN
VALVE GRIND SET	4-4G64-TGA
LIFTER/LASH ADJ	4-4G64-LA
CAMSHAFT	4-4G64-CAM
SLEEVE	4-4G64-SL
WATERPUMP	4-4G64-WP

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MITSUBISHI ENGINE OVERHAUL KIT 4-4G64B-OVK

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 4-4G64B-PIS .25mm 4-4G64B-PIS.25 .50mm 4-4G64B-PIS.50 .75mm 4-4G64B-PIS.75 1.00mm 4-4G64B-PIS1.00

MAIN BEARINGS

4-4G64B-MBS
4-4G64B-MBS.25
4-4G64B-MBS.50
4-4G64B-MBS.75

BAL. SHAFT BELT 4-4G64B-BSB FREEZE PLUGS TIMING BELT 4-4G64B-TB TIMING BELT 4-4G64B-TBL

4-4G64B-FPK OIL PUMP 4-4G64B-OP

RING SET

STD 4-4G64B-RS .25mm 4-4G64B-RS.25 .50mm 4-4G64B-RS.50 .75mm 4-4G64B-RS.75 1.00mm 4-4G64B-RS1.00

ROD BEARINGS

STD	4-4G64B-RBS
.25mm	4-4G64B-RBS.25
.50mm	4-4G64B-RBS.50
.75mm	4-4G64B-RBS.75

BAL. SHAFT BEARINGS O/HAUL GASKET SET (ENG. SERIAL # UP TO 9301-1) (ENG. SERIAL # 9301-1)

4-4G64B-BSR 4-4G64B-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE	4-4G64B-IV
EXHAUST VALVE	4-4G64B-EV
VALVE SPRING	4-4G64B-VS
INTAKE GUIDE	4-4G64B-IVG
EXHAUST GUIDE	4-4G64B-EVG
STEM SEALS	4-4G64B-SS
KEEPER	4-4G64B-K

MISCELLANEOUS

TENSIONER	4-4G64B-TEN
BALANCE TENSIONER	4-4G64B-BT
VALVE GRIND SET	4-4G64B-TGA
LIFTER/LASH ADJ	4-4G64B-LA
CAMSHAFT	4-4G64B-CAM
SLEEVE	4-4G64B-SL
WATER PUMP	4-4G64B-WP

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MITSUBISHI ENGINE OVERHAUL KIT 4-6G72-OVK

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PIS	TONS		RING S	SET
STD	4-6G72-PIS		STD	4-6G72-RS
.50mm	4-6G72-PIS	.50	.50mm	4-6G72-RS.50
.75mm	4-6G72-PIS	.75	.75mm	4-6G72-RS.75
1.00mm	4-6G72-PIS	1.00	1.00mm	4-6G72-RS1.00
МА	IN BEARING	5	ROD B	EARINGS
STD	4-6G72-MB	S	STD	4-6G72-RBS
.25mm	4-6G72-MB	S.25	.25mm	4-6G72-RBS.25
.50mm	4-6G72-MB	S.50	.50mm	4-6G72-RBS.50
.75mm	4-6G72-MB	S.75	.75mm	4-6G72-RBS.75
O/HAUL GAS THRUST WAS FREEZE PLU	SHERS	4-6G72-GA 4-6G72-TW 4-6G72-FPK	TIMING BELT	4-6G72-TB

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS		MISCELLANEOUS	
INTAKE VALVE	4-6G72-IV	CAM SPROCKET	CALL
EXHAUST VALVE	4-6G72-EV	CRANK SPROCKET	CALL
INTAKE GUIDE	4-6G72-IVG	TENSIONER	4-6G72-TEN
EXHAUST GUIDE	4-6G72-EVG	SLEEVE	4-6G72-SL
VALVE SPRING	4-6G72-VS	LIFTER	4-6G72-LIFT
STEM SEAL	4-6G72-SS	HEAD SET	4-6G72-HS
KEEPER	4-6G72-K	CAMSHAFT (LH)	4-6G72-CAMLH
		CAMSHAFT (RH)	4-6G72-CAMRH
		WATER PUMP	4-6G72-WP
		OIL PUMP	4-6G72-OP

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NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-A15-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 2-A15-PIS .50mm 2-A15-PIS.50 .75mm 2-A15-PIS.75 1.00mm 2-A15-PIS1.00 1.50mm 2-A15-PIS1.50

MAIN BEARINGS

STD 2-A15-MBS .25mm 2-A15-MBS.25 .50mm 2-A15-MBS.50 .75mm 2-A15-MBS.75 1.00mm 2-A15-MBS1.00

CAM BEARINGS 2-A15-CBS FREEZE PLUGS 2-A15-FPK TIMING CHAIN 2-A15-TC

RING SET

STD 2-A15-RS .50mm 2-A15-RS.50 .75mm 2-A15-RS.75 1.00mm 2-A15-RS1.00 1.50mm 2-A15-RS1.50

ROD BEARINGS

STD 2-A15-RBS .25mm 2-A15-RBS.25 .50mm 2-A15-RBS.50 .75mm 2-A15-RBS.75 1.00mm 2-A15-RBS1.00

OIL PUMP 2-A15-OP O/HAUL GASKET SET 2-A15-GA

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHAUST VALVE VALVE SPRING INTAKE GUIDE EXHAUST GUIDE STEM SEAL

2-A15-IV 2-A15-EV 2-A15-VS 2-A15-IVG 2-A15-EVG 2-A15-SS

MISCELLANEOUS

TENSIONER 2-A15-TEN CAM SPROCKET 2-A15-CASP CRANK SPROCKET 2-A15-CRSP SLEEVE 2-A15-SL LIFTER 2-A15-LIFT CAMSHAFT 2-A15-CAM





NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-D11-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	2-D11-PIS
.50mm	2-D11-PIS.50
.75mm	2-D11-PIS.75
1.00mm	2-D11-PIS1.00
1.50mm	2-D11-PIS1.50

MAIN BEARINGS

STD	2-D11-MBS
.25mm	2-D11-MBS.25
.50mm	2-D11-MBS.50
.75mm	2-D11-MBS.75
1.00mm	2-D11-MBS1.00

 CAM BEARINGS
 2-D11-CBS

 FREEZE PLUGS
 2-D11-FPK

 OIL PUMP
 2-D11-OP

RING SET

STD	2-D11-RS
.50mm	2-D11-RS.50
.75mm	2-D11-RS.75
1.00mm	2-D11-RS1.00
1.50mm	2-D11-RS1.50

ROD BEARINGS

STD	2-D11-RBS
.25mm	2-D11-RBS.25
.50mm	2-D11-RBS.50
.75mm	2-D11-RBS.75
1.00mm	2-D11-RBS1.00

THRUST WASHERS 2-D11-TWS O/HAUL GASKET SET 2-D11-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS INTAKE VALVE 2-D11-IV EXHAUST VALVE 2-D11-EV VALVE SPRING 2-D11-VS INTAKE GUIDE 2-D11-IVG EXHAUST GUIDE 2-D11-EVG STEM SEAL 2-D11-SS MISCELLANEOUS CRANK GEAR 2-D11-CRG CAM GEAR 2-D11-CAG SLEEVE 2-D11-SL LIFTER 2-D11-LIFT CAMSHAFT 2-D11-CAM



NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-H20-OVKOP

KIT INCLUDES ALL SELECT COMPONE	-	PARTS LISTED BELOW ED FOR YOUR KIT		
.50mm .75mm	DNS 2-H20-PIS 2-H20-PIS.50 2-H20-PIS.75 2-H20-PIS1.00		.50mm .75mm	ET 2-H20-RS 2-H20-RS.50 2-H20-RS.75 2-H20-RS1.00
1.50mm	2-H20-PIS1.50		1.50mm	2-H20-RS1.50
MAIN B	EARINGS		ROD BEA	RINGS
.25mm .50mm .75mm	2-H20-MBS 2-H20-MBS.25 2-H20-MBS.50 2-H20-MBS.75 2-H20-MBS1.00		.25mm .50mm .75mm	2-H20-RBS 2-H20-RBS.25 2-H20-RBS.50 2-H20-RBS.75 2-H20-RBS1.00
CAM BEARINGS FREEZE PLUGS OIL PUMP WITHOUT	2-H20-FPK 2-H20-OP		NG CHAIN BUSHINGS 2-H20-G	2-H20-PB
FRONT COVER HAS		O/HAUL GASKET SET	2-H20-G	

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

MISCELLANEOUS

INTAKE VALVE	2-H20-IV	STEM SEALS	2-H20-SS
EXHAUST VALVE	2-H20-EV	KEEPERS	2-H20-K
VALVE SPRING	2-H20-VS	RETAINERS	2-H20-RET
INTAKE GUIDE	2-H20-IVG	EXHAUST GUIDE	2-H20-EVG
MISCELLANEOUS WATER PUMP SLEEVE LIFTER CAMSHAFT HEAD SET CRANK SPROCKET CAM SPROCKET TENSIONER MANIFOLD GASKET PTO CR/SPROCKET PTO PUMP SPKT CYLINDER HEAD		PTO CHAIN (EARLY) PTO CHAIN (LATE) OIL PUMP (LATE) HEAD GASKET PAN GASKET VALVE COVER GASKET FRONT COVER GASKET BACK PLATE GASKET TIMING SEAL(W/PTO CHAIN) CYLINDER HEAD ROCKER ASSY CRANKSHAFT	2-H20-PTOC 2-H20-PTOCL 2-H20-OPL 2-H20-PGA 2-H20-PGA 2-H20-VCGA 2-H20-FCGA 2-H20-FCGA 2-H20-BPGA 2-H20-BPGA 2-H20-TSC 2-H20-HEAD 2-H20-RA 2-H20-CRANK





NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-H20-IIK-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	2-H20-IIK-PIS
.50MM	2-H20-IIK-PIS.50
.75MM	2-H20-IIK-PIS.75
1.00MM	2-H20-IIK-PIS1.00
1.50MM	2-H20-IIK-PIS1.50

MAIN BEARINGS

CAM BEARINGS

TIMING CHAIN

OIL PUMP

STD	2-H20-IIK-MBS
.25MM	2-H20-IIK-MBS.25
.50MM	2-H20-IIK-MBS.50
.75MM	2-H20-IIK-MBS.75
1.00MM	2-H20-IIK-MBS1.00

2-H20-IIK-CBS

2-H20-IIK-TC

2-H20-IIK-OP

RING SET

STD	2-H20-IIK-RS
.50MM	2-H20-IIK-RS.50
.75MM	2-H20-IIK-RS.75
1.00MM	2-H20-IIK-RS1.00
1.50MM	2-H20-IIK-RS1.50

ROD BEARINGS

STD	2-H20-IIK-RBS
.25MM	2-H20-IIK-RBS.25
.50MM	2-H20-IIK-RBS.50
.75MM	2-H20-IIK-RBS.75

O/HAUL GASKET SET FREEZE PLUGS 2-H20-IIK-GA 2-H20-IIK-FPK

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PART	S	MISCELLANEC	DUS
INTAKE VALVE	2-H20-IIK-IV	CAMSHAFT	2-H20-IIK-CAM
EXHAUST VALVE	2-H20-IIK-EV	LIFTERS	2-H20-IIK-LIFT
VALVE SPRING	2-H20-IIK-VS	SLEEVE	2-H20-IIK-SL
STEM SEAL	2-H20-IIK-SS	PTO CHAIN	2-H20-IIK-PTOC
INTAKE GUIDE	2-H20-IIK-IVG	PTO CRANK SPROCKET	2-H20-IIK-PTOCRSP
EXHAUST GUIDE	2-H20-IIK-EVG	PTO PUMP SPROCKET	2-H20-IIK-PTOPSP
KEEPER	2-H20-IIK-K	ROCKER SHAFT	2-H20-IIK-RSH
RETAINERS	2-H20-IIK-RET	HEAD GASKET	2-H20-IIK-HGA
		HEAD SET	2-H20-IIK-HS
TIMING COMPONENTS		WATER PUMP	2-H20-IIK-WP
CRANK SPROCKET	2-H20-IIK-CRSP	CONNECTING ROD	2-H20-IIK-CCR
CAM SPROCKET	2-H20-IIK-CASP	FRONT SEAL	2-H20-IIK-FS
TENSIONER	2-H20-IIK-TEN		

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NISSAN OVERHAUL KIT WITH OIL PUMP 2-H20-II-OVKOP

KIT INCLUDES ALL APP	LICABLE PARTS LIST	ED BELOW		
SELECT COMPONENT SI	ZES REQUIRED FOR YOUR	R KIT		
PISTON	IS	RING SI	ET	
STANDARD	2-H20-II-PIS	STANDARD	2-H20-II-RS	
.50MM	2-H20-II-PIS.50	.50MM	2-H20-II-RS.5	50
.75MM	2-H20-II-PIS.75	.75MM	2-H20-II-RS.7	' 5
1.00MM	2-H20-II-PIS1.00	1.00MM	2-H20-II-RS1	.00
1.50MM	2-H20-II-PIS1.50	1.50MM	2-H20-II-RS1	.50
MAIN BE	ARINGS	ROD BEAR	RINGS	
STANDARD	2-H20-II-MBS	STANDARD	2-H20-II-RBS	
.25MM	2-H20-II-MBS.25	.25MM	2-H20-II-RBS	.25
.50MM	2-H20-II-MBS.50	.50MM	2-H20-II-RBS	.50
.75MM	2-H20-II-MBS.75	.75MM	2-H20-II-RBS	.75
1.00MM	2-H20-II-MBS1.00	1.00MM	2-H20-II-RBS	1.00
CAM BEARINGS	2-H20-II-CBS	O/HAUL GASKE	T SET	2-H20-II-GA
TIMING CHAIN	2-H20-II-TC	FREEZE PLUGS	6	2-H20-II-FPK
OIL PUMP	2-H20-II-OP			

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE	2-H20-II-IV
EXHAUST VALVE	2-H20-II-EV
VALVE SPRING	2-H20-II-VS
STEM SEAL	2-H20-II-SS
INTAKE VALVE GUIDE	2-H20-II-IVG
EXHAUST VALVE GUIDE	2-H20-II-EVG
KEEPER	2-H20-II-K

TIMING COMPONENTS CRANK SPROCKET 2-H20-II-CRSP CAM SPROCKET 2-H20-II-CASP TENSIONER 2-H20-II-TEN MISCELLANEOUS

CAMSHAFT	2-H20-II-CAM
LIFTERS	2-H20-II-LIFT
SLEEVE	2-H20-II-SL
PTO CHAIN	2-H20-II-PTOC
PTO CRANK SPROCKET	2-H20-II-PTOCRSP
PTO PUMP SPROCKET	2-H20-II-PTOPSP
ROCKER SHAFT	2-H20-II-RS
HEAD GASKET	2-H20-II-HGA
CONNROD	2-H20-II-CCR
WATER PUMP	2-H20-II-WP
FRONT SEAL	2-H20-II-FS





S

NISSAN OVERHAUL KIT WITH OIL PUMP 2-H25-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT PISTONS

TANDARD	2-H25-PIS
.50MM	2-H25-PIS.50
.75MM	2-H25-PIS.75
1.00MM	2-H25-PIS1.00
1.50MM	2-H25-PIS1.50

MAIN BEARINGS

2-H25-MBS
2-H25-MBS.25
2-H25-MBS.50
2-H25-MBS.75
2-H25-MBS1.00

RING SET

STANDARD	2-H25-RS
.50MM	2-H25-RS.50
.75MM	2-H25-RS.75
1.00MM	2-H25-RS1.00
1.50MM	2-H25-RS1.50

ROD BEARINGS

STANDARD	2-H25-RBS
.25MM	2-H25-RBS.25
.50MM	2-H25-RBS.50
.75MM	2-H25-RBS.75
1.00MM	2-H25-RBS1.00

CAM BEARINGS TIMING CHAIN **OIL PUMP**

2-H25-CBS 2-H25-TC 2-H25-OP

O/HAUL GASKET SET FREEZE PLUGS

2-H25-GA 2-H25-FPK

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

IN FAKENDER HEAD PARTS-H25-IV EXHAUST VALVE 2-H25-EV VALVE SPRING 2-H25-VS STEM SEAL 2-H25-SS **KEEPER** 2-H25-K

TIMING COMPONENTS CRANK SPROCKET 2-H25-CRSP CAM SPROCKET 2-H25-CASP **TENSIONER** 2-H25-TEN

CANSSEAL ANE OUS25-CAM LIFTERS 2-H25-LIFT **PTO CHAIN** 2-H25-PTOC CRANKSHAFT 2-H25-CRANK 2-H25-SL SLEEVE PTO CRANK SPROCKET 2-H25-PTOCRSP PTO PUMP SPROCKET 2-H25-PTOPSP HEAD GASKET 2-H25-HGA 2-H25-HS HEAD SET CONN. ROD 2-H25-CCR



NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-H30-OVKOP

	APPLICABLE PARTS LIS		
PIST STD .50mm .75mm 1.00mm 1.50mm	2-H30-PIS 2-H30-PIS.50 2-H30-PIS.75 2-H30-PIS1.00	.75mm 1.00mm	SET 2-H30-RS 2-H30-RS.50 2-H30-RS.75 2-H30-RS1.00 2-H30-RS1.50
MAIN BE/ STD .25mm .50mm .75mm 1.00mm	2-H30-MBS 2-H30-MBS.25 2-H30-MBS.50 2-H30-MBS.75	.25mm .50mm .75mm	RINGS 2-H30-RBS 2-H30-RBS.25 2-H30-RBS.50 2-H30-RBS.75 2-H30-RBS1.00
CAM BEARINGS FREEZE PLUGS OIL PUMP WITHOUT PTO	2-H30-FPK	TIMING CHAIN PIN BUSHINGS ET 2-H30-GA	

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHAUST VALVE VALVE SPRING INTAKE GUIDE EXHAUST GUIDE STEM SEALS KEEPERS RETAINERS 2-H30-IV 2-H30-EV 2-H30-VS 2-H30-IVG 2-H30-EVG 2-H30-SS 2-H30-K 2-H30-RET

MISCELLANEOUS

SLEEVE 2-H30-SL LIFTER 2-H30-LIFT WATER PUMP 2-H30-WP **PTO CHAIN** 2-H30-PTOC **CRANK SPROCKET** 2-H30-CRSP CAM SPROCKET 2-H30-CASP **TENSIONER** 2-H30-TEN CAMSHAFT 2-H30-CAM PTO CRANK GEAR 2-H30-PTOCRG PTO PUMP GEAR 2-H30-PTOPGR PTO BEARING 2-H30-PTOBRG TIMING SEAL 2-H30-TS FRONT COVER GASKET 2-H30-FCGA **CONN ROD** 2-H30-CCR



NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-J15-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STANDARD	2-J15-PIS
.50mm	2-J15-PIS.50
.75mm	2-J15-PIS.75
1.00mm	2-J15-PIS1.00
1.50mm	2-J15-PIS1.50

MAIN BEARINGS

STANDARD	2-J15-MBS
.25mm	2-J15-MBS.25
.50mm	2-J15-MBS.50
.75mm	2-J15-MBS.75
1.00mm	2-J15-MBS1.00

CAM BEARINGS FREEZE PLUGS THRUST WASHER

2-J15-CBS 2-J15-FPK 2-J15-TW S

RING SET STANDARD 2-J15-RS

> .50mm 2-J15-RS.50 .75mm 2-J15-RS.75 1.00mm 2-J15-RS1.00 1.50mm 2-J15-RS1.50

ROD BEARINGS

STANDARD	2-J15-RBS
.25mm	2-J15-RBS.25
.50mm	2-J15-RBS.50
.75mm	2-J15-RBS.75
1.00mm	2-J15-RBS1.00

TIMING CHAIN 2-J15-TC OIL PUMP 2-J15-OP

WITHOUT PTO **FRONT COVER HAS PTO** O/HAULGASKETSET 2-J15-GA **O/HAUL GASKET SET** 2-J15-GAC

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS		MISCELLANEC	US
(WIDE GROOVE	EVALVE)	CRANK SPROCKET	2-J15-CRSP
INTAKE VALVE	2-J15-IVW	CAM SPROCKET	2-J15-CASP
EXHAUST VALVE	2-J15-EVW	TENSIONER	2-J15-TEN
KEEPERS	2-J15-K	SLEEVE	2-J15-SL
		LIFTER	2-J15-LIFT
(NARROW GROO)	/E VALVE)	CAMSHAFT	2-J15-CAM
INTAKE VALVE	2-J15-IVN	HEAD SET	2-J15-HS
EXHAUST VALVE	2-J15-EVN	PTO CHAIN	2-J15-PTOC
KEEPERS	2-J15-KN	ROCKER ASSY	2-J15-RA
		PTO BEARING	2-J15-PTOBRG
VALVE SPRING	2-J15-VS	CONN ROD	2-J15-CCR
INTAKE GUIDE	2-J15-IVG	CRANKSHAFT	2-J15-CRANK
EXHAUST GUIDE	2-J15-EVG	CYLINDER HEAD	2-J15-HEAD

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NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-P40-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD2-P40-PIS.50mm2-P40-PIS.50.75mm2-P40-PIS.751.00mm2-P40-PIS1.001.50mm2-P40-PIS1.50

MAIN BEARINGS

STD	2-P40-MBS
.25mm	2-P40-MBS.25
.50mm	2-P40-MBS.50
.75mm	2-P40-MBS.75
1.00mm	2-P40-MBS1.00

 CAM BEARINGS
 2-P40-CBS

 FREEZE PLUGS
 2-P40-FPK

 OIL PUMP
 2-P40-OP

RING SET

STD	2-P40-RS
.50mm	2-P40-RS.50
.75mm	2-P40-RS.75
1.00mm	2-P40-RS1.00
1.50mm	2-P40-RS1.50

ROD BEARINGS

2-P40-RBS
2-P40-RBS.25
2-P40-RBS.50
2-P40-RBS.75
2-P40-RBS1.00

TIMING CHAIN2-P40-TCO/HAUL GASKET SET2-P40-GA

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE	2-P40-IV
EXHAUST VALVE	2-P40-EV
VALVE SPRING	2-P40-VS
INTAKE GUIDE	2-P40-IVG
EXHAUST GUIDE	2-P40-EVG
STEM SEALS	2-P40-SS
KEEPERS	2-P40-K
RETAINERS	2-P40-RET

MISCELLANEOUS

2-P40-SL
2-P40-LIFT
2-P40-CRSP
2-P40-CASP
2-P40-TEN
2-P40-CAM





NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-PPU240-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 2-PPU240-PIS .50mm 2-PPU240-PIS.50 .75mm 2-PPU240-PIS.75 1.00mm 2-PPU240-PIS1.00 1.50mm 2-PPU240-PIS1.50

MAIN BEARINGS

 STD
 2-PPU240-MBS

 .25mm
 2-PPU240-MBS.25

 .50mm
 2-PPU240-MBS.50

 .75mm
 2-PPU240-MBS.75

 1.00mm
 2-PPU240-MBS1.00

CAM BEARINGS 2-PPU240-CBS FREEZE PLUGS 2-PPU240-FPK

RING SET

STD	2-PPU240-RS
.50mm	2-PPU240-RS.50
.75mm	2-PPU240-RS.75
1.00mm	2-PPU240-RS1.00
1.50mm	2-PPU240-RS1.50

ROD BEARINGS

STD	2-PPU240-RBS
.25mm	2-PPU240-RBS.25
.50mm	2-PPU240-RBS.50
.75mm	2-PPU240-RBS.75
1.00mm	2-PPU240-RBS1.00

OIL PUMP 2-PPU240-OP O/HAUL GASKET SET 2-PPU240-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

HEAD PARTS 2-PPU240-IV
2-PPU240-EV
2-PPU240-VS
2-PPU240-IVG
2-PPU240-EVG
2-PPU240-SS
2-PPU240-K
2-PPU240-RET

MISCELL	_ANEOUS 2-PPU240-SL
SLEEVE	2-PPU240-SL
LIFTER	2-PPU240-LIFT
CRANK GEAR	2-PPU240-CRG
CAM GEAR	2-PPU240-CAG
CAM SHAFT	2-PPU240-CAM

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NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-SD22-OVKOP / 2-SD22-OVKLOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

2-SD22-PIS STD .50mm 2-SD22-PIS.50

MAIN BEARINGS

2-SD22-MBS
2-SD22-MBS.25
2-SD22-MBS.50
2-SD22-MBS.75
2-SD22-MBS1.00

CAM BEARINGS FREEZE PLUGS OIL PUMP LINERS

2-SD22-CBS 2-SD22-FPK 2-SD22-OP 2-SD22-LIN

RING SET

STD 2-SD22-RS .50mm 2-SD22-RS.50

ROD BEARINGS

STD	2-SD22-RBS
.25mm	2-SD22-RBS.25
.50mm	2-SD22-RBS.50
.75mm	2-SD22-RBS.75
1.00mm	2-SD22-RBS1.00

THRUST WASHERS **O/HAUL GASKET SET PIN BUSHINGS**

2-SD22-TWS 2-SD22-GA 2-SD22-PB

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE	
EXHAUST VALVE	
VALVE SPRING	

2-SD22-IV 2-SD22-EV 2-SD22-VS

MISCELLANEOUS

2-SD22-CAG CAM GEAR LIFTER 2-SD22-LIFT **CRANK GEAR** 2-SD22-CRG CAMSHAFT 2-SD22-CAM



NISSAN ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 2-SD25-OVKLOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS	2-SD25-PIS
LINERS	2-SD25-LIN
RING SET	2-SD25-RS

MAIN BEARINGS

STD	2-SD25-MBS
.25mm	2-SD25-MBS.25
.50mm	2-SD25-MBS.50
.75mm	2-SD25-MBS.75
1.00mm	2-SD25-MBS1.00

STD 2-SD25-RBS

ROD BEARINGS

.25mm	2-SD25-RBS.25
.50mm	2-SD25-RBS.50
.75mm	2-SD25-RBS.75
1.00mm	2-SD25-RBS1.00

CAM BEARINGS	2-SD25-CBS	THRUST WASHERS	2-SD25-TWS
FREEZE PLUGS	2-SD25-FPK	O/HAUL GASKET SET	2-SD25-GA
OIL PUMP	2-SD25-OP	PIN BUSHINGS	2-SD25-PB

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE	2-SD25-IV
EXHAUST VALVE	2-SD25-EV
VALVE SPRING	2-SD25-VS
INTAKE GUIDE	2-SD25-IVG
EXHAUST GUIDE	2-SD25-EVG

MISCELLANEOUS

CAMSHAFT LIFTER CONN ROD 2-SD25-CAM 2-SD25-LIFT 2-SD25-CCR

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NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP 2-SD33-OVKOP / 2-SD33-OVKLOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 2-SD33-PIS .50mm 2-SD33-PIS.50

MAIN BEARINGS

STD	2-SD33-MBS
.25mm	2-SD33-MBS.25
.50mm	2-SD33-MBS.50
.75mm	2-SD33-MBS.75
1.00mm	2-SD33-MBS1.00

 CAM BEARINGS
 2-SD33-CBS

 FREEZE PLUGS
 2-SD33-FPK

 OIL PUMP
 2-SD33-OP

 LINERS
 2-SD33-LIN

RING SET

STD 2-SD33-RS .50mm 2-SD33-RS.50

ROD BEARINGS

STD	2-SD33-RBS
.25mm	2-SD33-RBS.25
.50mm	2-SD33-RBS.50
.75mm	2-SD33-RBS.75
1.00mm	2-SD33-RBS1.00

MISCELLANEOUS

THRUST WASHERS 2-SD33-TWS O/HAUL GASKET SET 2-SD33-GA PIN BUSHINGS 2-SD33-PB

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHAUST VALVE VALVE SPRING 2-SD33-IV 2-SD33-EV 2-SD33-VS CAM GEAR LIFTER CRANK GEAR CAMSHAFT CONN ROD 2-SD33-CAG 2-SD33-LIFT 2-SD33-CRG 2-SD33-CAM 2-SD33-CCR





NISSAN ENGINE OVERHAUL KIT WITH OIL PUMP **2-Z24-OVKOP**

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	2-Z24 –PIS
.50mm	2-Z24-PIS.50
.75mm	2-Z24-PIS.75
1.00mm	2-Z24-PIS1.00
1.50mm	2-Z24-PIS1.50

MAIN BEARINGS

STD	2-Z24-MBS
.25mm	2-Z24-MBS.25
.50mm	2-Z24-MBS.50
.75mm	2-Z24-MBS.75
1.00mm	2-Z24-MBS1.00

FREEZE PLUGS 2-Z24-FPK OIL PUMP 2-Z24-OP

RING SET

STD 2-Z24-RS .50mm 2-Z24-RS.50 .75mm 2-Z24-RS.75 1.00mm 2-Z24-RS1.00 1.50mm 2-Z24-RS1.50

ROD BEARINGS

STD	2-Z24-RBS
.25mm	2-Z24-RBS.25
.50mm	2-Z24-RBS.50
.75mm	2-Z24-RBS.75
1.00mm	2-Z24-RBS1.00

O/HAUL GASKET SET 2-Z24-GA TIMING CHAIN 2-Z24-TC

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD F	ARTS	MISCELLANEOUS	
INTAKE VALVE	2-Z24-IV	CRANK SPROCKET	2-Z24-CRSP
EXHAUST VALVE	2-Z24-EV	CAM SPROCKET	2-Z24-CASP
INTAKE GUIDE	2-Z24-IVG	TENSIONER	2-Z24-TEN
EXHAUST GUIDE	2-Z24-EVG	GUIDE RAIL TENSION SIDE	2-Z24-GRT
INNER SPRING	2-Z24-IS	GUIDE RAIL SLACK SIDE	2-Z24-GRS
OUTER SPRING	2-Z24-OS	CAMSHAFT	2-Z24-CAM
CONNECTING ROD	2-Z24-CCR	FRONT SEAL	2-Z24-FS
KEEPER	2-Z24-K	PTO CHAIN	2-Z24-PTOC

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PEUGEOT ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 202-XN1P-OVKLOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

CYLINDER LINER KIT (PISTON, RINGS, LINER) 202-XN1P-LK

MAIN BEARINGS

STD202-XN1P-MBS.30mm202-XN1P-MBS.30.50mm202-XN1P-MBS.50.80mm202-XN1P-MBS.80

OIL PUMP 202-XN1P-OP FREEZE PLUGS 202-XN1P-FPK

ROD BEARINGS

 STD
 202-XN1P-RBS

 .30mm
 202-XN1P-RBS.30

 .50mm
 202-XN1P-RBS.50

 .80mm
 202-XN1P-RBS.80

 PIN BUSHINGS
 202-XN1P-PB

 THRUST WASHER SET
 202-XN1P-TWS

 O/HAUL GASKET SET
 202-XN1P-GA

 TIMING CHAIN
 202-XN1P-TC

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

MISCELLANEOUS

MISCELLANEOUS

INTAKE VALVE	202-XN1P-IV
EXHAUST VALVE	202-XN1P-EV
INTAKE GUIDE	202-XN1P-IVG
EXHAUST GUIDE	202-XN1P-EVG
TMING CHAIN TENSIONER	202-XN1P-TCT
CAMSHAFT	202-XN1P-CAM
RING SET	202-XN1P-RS
VALVE SPRING	202-XN1P-VS
STEM SEAL	202-XN1P-SS
FRONT SEAL	202-XN1P-FS
HEAD SET	202-XNIP-HS
CONN ROD	202-XN1P-CCR
CRANK SPROCKET	202-XN1P-CRSP
CAM SPROCKET	202-XN1P-CASP





TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-2F-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD1-2F-PIS.50mm1-2F-PIS.50.75mm1-2F-PIS.751.00mm1-2F-PIS1.001.50mm1-2F-PIS1.50

MAIN BEARINGS

STD	1-2F-MBS
.25mm	1-2F-MBS.25
.50mm	1-2F-MBS.50
.75mm	1-2F-MBS.75
1.00mm	1-2F-MBS1.00

CAM BEARINGS 1-2F-CBS FREEZE PLUGS 1-2F-FPK

RING SET

1-2F-RS
1-2F-RS.50
1-2F-RS.75
1-2F-RS1.00
1-2F-RS1.50

ROD BEARINGS

STD	1-2F-RBS
.25mm	1-2F-RBS.25
.50mm	1-2F-RBS.50
.75mm	1-2F-RBS.75
1.00mm	1-2F-RBS1.00

O/HAUL GASKET SET	1-2F-GA
OIL PUMP	1-2F-OP

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYUNDER HEAD PARTSINTAKE VALVE1-2F-IVEXHAUST VALVE1-2F-EVVALVE SPRING1-2F-VSINTAKE GUIDE1-2F-IVGEXHAUST GUIDE1-2F-EVG

CAM GEAR	MISCELLANEOUS 1-2F-CAG
LIFTER	1-2F-LIFT
CAMSHAFT	1-2F-CAM
CRANK GEAF	R 1-2F-CRG



TOYOTA ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 1-2J-OVKLOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW
SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS 1-2J-PIS RING SET 1-2J-RS LINERS 1-2J-LIN

MAIN BEARINGS

 STD
 1-2J-MBS

 .25mm
 1-2J-MBS.25

 .50mm
 1-2J-MBS.50

 .75mm
 1-2J-MBS.75

 1.00mm
 1-2J-MBS1.00

CAM BEARINGS 1-2J-CBS FREEZE PLUGS 1-2J-FPK PIN BUSHINGS 1-2J-PB

ROD BEARINGS

STD	1-2J-RBS
.25mm	1-2J-RBS.25
.50mm	1-2J-RBS.50
.75mm	1-2J-RBS.75
1.00mm	1-2J-RBS1.00

O/HAUL GASKET SET 1-2J-GA THRUST WASHER SET 1-2J-TWS OIL PUMP (EARLY STYLE) 1-2J-OP OIL PUMP (LATE STYLE) 1-2J-OPL

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

4 0 1 1 10

MISCELLANEOUS

LIFTER 1-2J-LIFT

VALVE SPRING	1-2J-VS
INTAKE GUIDE	1-2J-IVG
EXHAUST GUIDE	1-2J-EVG
KEEPER	1-2J-K
(EARLY STYLE)	
ÎNTAKE VALVE	1-2J-IV
EXHAUST VALVE	1-2J-EV
(LATE STYLE)	
ÎNTAKE VALVE	1-2J-IVL

EXHAUST VALVE 1-2J-EVL





TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-2R-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 1-2R-PIS .50mm 1-2R-PIS.50 .75mm 1-2R-PIS.75 1.00mm 1-2R-PIS1.00 1.50mm 1-2R-PIS1.50

MAIN BEARINGS

STD	1-2R-MBS
.25mm	1-2R-MBS.25
.50mm	1-2R-MBS.50
.75mm	1-2R-MBS.75
.00mm	1-2R-MBS1.00

1

CAM BEARINGS 1-2R-CBS

FREEZE PLUGS 1-2R-FPK

OIL PUMP 1-2R-OP

O/HAUL GASKET SET (ROUND PORT) O/HAUL GASKET SET(SQUARE PORT)

RING SET

STD 1-2R-RS .50mm 1-2R-RS.50 .75mm 1-2R-RS.75 1.00mm 1-2R-RS1.00 1.50mm 1-2R-RS1.50

ROD BEARINGS

STD	1-2R-RBS
.25mm	1-2R-RBS.25
.50mm	1-2R-RBS.50
.75mm	1-2R-RBS.75
1.00mm	1-2R-RBS1.00

THRUST WASHER SET 1-2R-TWS PIN BUSHINGS 1-2R-PB

1-2R-GA 1-2R-GA.SQ

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS	
(ROUND PORT)	
INTAKE VALVE	1-2R-IV
EXHAUST VALVE	1-2R-EV
VALVE GUIDE	1-2R-VG

(SQUARE PORT)

INTAKE VALVE	1-2R-IV.SQ
EXHAUST VALVE	1-2R-EV.SQ
VALVE GUIDE	1-2R-VG.SQ
VALVE SPRING	1-2R-VS

MISCELLANEOUS SLEEVE 1-2R-SL LIFTER 1-2R-LIFT CRANK GEAR 1-2R-CRG CAM GEAR 1-2R-CAG CAMSHAFT 1-2R-CAM



TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-3P-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	1-3P-PIS
.50mm	1-3P-PIS.50
.75mm	1-3P-PIS.75
1.00mm	1-3P-PIS1.00
1.50mm	1-3P-PIS1.50

MAIN BEARINGS

1-3P-MBS
1-3P-MBS.25
1-3P-MBS.50
1-3P-MBS.75
1-3P-MBS1.00

CAM BEARINGS 1-3P-CBS FREEZE PLUGS 1-3P-FPK **OIL PUMP** 1-3P-OP

RING SET 1 20 00 отп

510	1-3P-RS
.50mm	1-3P-RS.50
.75mm	1-3P-RS.75
1.00mm	1-3P-RS1.00
1.50mm	1-3P-RS1.50

ROD BEARINGS

STD	1-3P-RBS
.25mm	1-3P-RBS.25
.50mm	1-3P-RBS.50
.75mm	1-3P-RBS.75
1.00mm	1-3P-RBS1.00

THRUST WASHER SET	1-3P-TWS
PIN BUSHINGS	1-3P-PB
O/HAUL GASKET SET	1-3P-GA

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE 1-3P-IV EXHAUST VALVE 1-3P-EV VALVE GUIDE 1-3P-VG VALVE SPRING 1-3P-VS STEM SEAL 1-3P-SS KEEPER 1-3P-K

MISCELLANEOUS

SLEEVE	1-3P-SL
LIFTER	1-3P-LIFT
WATER PUMP	1-3P-WP
CRANK GEAR	1-3P-CRG
CAM GEAR	1-3P-CAG
CAMSHAFT	1-3P-CAM



RING SET

ROD BEARINGS

STD

.50mm

.75mm

1.00mm

.75mm

1.00mm

1.50mm

STD 1-4P-RS .50mm 1-4P-RS.50

1-4P-RS.75

1-4P-RS1.00

1-4P-RS1.50

1-4P-RBS

1-4P-RBS.50

1-4P-RBS.75

1-4P-RBS1.00

1-4P-TWS

1-4P-PB

.25mm 1-4P-RBS.25



TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-4P-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS		
STD	1-4P-PIS	
.50mm	1-4P-PIS.50	
.75mm	1-4P-PIS.75	
1.00mm	1-4P-PIS1.00	
1.50mm	1-4P-PIS1.50	

MAIN BEARINGS

STD	1-4P-MBS
.25mm	1-4P-MBS.25
.50mm	1-4P-MBS.50
.75mm	1-4P-MBS.75
1.00mm	1-4P-MBS1.00

CAM BEARINGS 1-4P-CBS

FREEZE PLUGS 1-4P-FPK

OIL PUMP 1-4P-OP

O/HAUL GASKET SET

1-4P-GA

WITHOUT PTO FRONT COVER HAS PTO O/HAUL GASKET SET

1-4P-GAC

THRUST WASHER SET

PIN BUSHINGS

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEA	D PARTS	MISCELLA	NEOUS
(WITH 1 GROOVE	VALVE)	SLEEVE	1-4P-SL
INTAKE VALVE	1-4P-IV	LIFTER	1-4P-LIFT
EXHAUST VALVE	1-4P-EV	PUSHROD	1-4P-PUR
VALVE GUIDE	1-4P-VG	CRANK GEAR	1-4P-CRG
VALVE SPRING	1-4P-VS	CAM GEAR	1-4P-CAG
KEEPER	1-4P-K	IDLER GEAR	1-4P-IG
STEM SEALS	1-4P-SS	PTO CHAIN	1-4P-PTOC
RETAINER	1-4P-RET	WATER PUMP	1-4P-WP
		HEAD GASKET	1-4P-HGA
(WITH 2 GROOVE)	/ALVE)	CAMSHAFT	1-4P-CAM

(WITH 2 GROOVE VALVE)

INTAKE VALVE	1-4P-IV.2G
EXHAUST VALVE	1-4P-EV.2G
VALVE GUIDE	1-4P-VG
VALVE SPRING	1-4P-VS
KEEPER	1-4P-K
RETAINER	1-4P-RET.2G

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TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-4Y-OVKOP

KIT INCLUDES ALL APPLICABL SELECT COMPONENT SIZES REQU		
PISTONS STD 1-4Y-PIS .50mm 1-4Y-PIS .75mm 1-4Y-PIS 1.00mm 1-4Y-PIS 1.50mm 1-4Y-PIS	50 .50mm 75 .75mm .00 1.00mm	1-4Y-RS 1-4Y-RS.50 1-4Y-RS.75 1-4Y-RS1.00 14Y-RS1.50
MAIN BEARINGS STD 1-4Y-MB3 .25mm 1-4Y-MB3 .50mm 1-4Y-MB3 .75mm 1-4Y-MB3 1.00mm 1-4Y-MB3	S.25 .25mm S.50 .50mm S.75 .75mm	INGS 1-4Y-RBS 1-4Y-RBS.25 1-4Y-RBS.50 1-4Y-RBS.75 1-4Y-RBS1.00
CAM BEARINGS 1-4Y-CBS FREEZE PLUGS 1-4Y-FPK OIL PUMP 1-4Y-OP PIN BUSHINGS 1-4Y-PB		1-4Y-TC)1-4Y-GA

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

1-4Y-IV

1-4Y-EV

1-4Y-VS

1-4Y-EVG

1-4Y-IVG

1-4Y-SS

INTAKE VALVE	
EXHAUST VALVE	
VALVE SPRING	
EXHAUST GUIDE	
INTAKE GUIDE	
STEM SEALS	

TENSIONER 1-4Y-TEN **GUIDE RAIL** 1-4Y-GR **CRANK SPROCKET** 1-4Y-CRSP CAM SPROCKET 1-4Y-CASP CAMSHAFT 1-4Y-CAM LIFTERS 1-4Y-LIFT CONNECTOR ROD 1-4Y-CCR CYLINDER HEAD 1-4Y-HEAD CONN. ROD 1-4Y-CCR 1-4Y-SL SLEEVE

MISCELLANEOUS





TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-5P-OVK

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PIST	ONS
------	-----

STD	1-5P-PIS
.50mm	1-5P-PIS.50
1.00mm	1-5P-PIS1.00

MAIN BEARINGS

STD	1-5P-MBS
.25mm	1-5P-MBS.25
.50mm	1-5P-MBS.50
.75mm	1-5P-MBS.75
1.00mm	1-5P-MBS1.00

CAM BEARINGS 1-5P-CBS FREEZE PLUGS 1-5P-FPK PIN BUSHINGS 1-5P-PB

RING SET

STD	1-5P-RS
.50mm	1-5P-RS.50
1.00mm	1-5P-RS1.00

ROD B	EARINGS
OTD	

SID	1-5P-RBS
.25mm	1-5P-RBS.25
.50mm	1-5P-RBS.50
.75mm	1-5P-RBS.75
1.00mm	1-5P-RBS1.00

THRUST WASHER SET1-5P-TWSO/HAUL GASKET SET1-5P-GA

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS INTAKE VALVE 1-5P-IV EXHAUST VALVE 1-5P-EV INTAKE GUIDE 1-5P-IVG EXHAUST GUIDE 1-5P-EVG VALVE SPRING 1-5P-VS KEEPER 1-5P-K

MISCELLANEOUS LIFTERS 1-5P-LIFT CAM GEAR 1-5P-CAG WATER PUMP 1-5P-WP

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TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-5R-E-OVKOP EARLY STYLE – SQUARE PORT

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD	1-5R-E-PIS
.50mm	1-5R-E-PIS.50
.75mm	1-5R-E-PIS.75
1.00mm	1-5R-E-PIS1.00
1.50mm	1-5R-E-PIS1.50

MAIN BEARINGS

STD	1-5R-E-MBS
.25mm	1-5R-E-MBS.25
.50mm	1-5R-E-MBS.50
.75mm	1-5R-E-MBS.75
1.00mm	1-5R-E-MBS1.00

CAM BEARINGS 1-5R-E-CBS FREEZE PLUGS 1-5R-E-FPK OIL PUMP 1-5R-E-OP

RING SET

STD	1-5R-E-RS
.50mm	1-5R-E-RS.50
.75mm	1-5R-E-RS.75
1.00mm	1-5R-E-RS1.00
1.50mm	1-5R-E-RS1.50

ROD BEARINGS

STD	1-5R-E-RBS
.25mm	1-5R-E-RBS.25
.50mm	1-5R-E-RBS.50
.75mm	1-5R-E-RBS.75
1.00mm	1-5R-E-RBS1.00

THRUST WASHER SET 1-5R-E-TWS **PIN BUSHINGS O/HAUL GASKET SET**

1-5R-E-PB 1-5R-E-GA

MISCELLANEOUS

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

INTAKE VALVE EXHAUST VALVE INTAKE GUIDE EXHAUST GUIDE VALVE SPRING KEEPER	1-5R-E-IV 1-5R-E-EV 1-5R-E-IVG 1-5R-E-EVG 1-5R-E-VS 1-5R-E-K	SLEEVE LIFTER HEAD SET CRANK GEAR CAM GEAR WATER PUMP	1-5R-E-SL 1-5R-E-LIFT 1-5R-E-HS 1-5R-E-CRG 1-5R-E-CAG 1-5R-E-WP
RETAINER	1-5R-E-RET	CAM SHAFT	1-5R-E-CAM



TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-5R-M-OVKOP MID STYLE – ROUND PORT WITH FLANGED MAINS

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

 PISTONS

 STD
 1-5R-M-PIS

 .50mm
 1-5R-M-PIS.50

 .75mm
 1-5R-M-PIS.75

 1.00mm
 1-5R-M-PIS1.00

 1.50mm
 1-5R-M-PIS1.50

MAIN BEARINGS

1-5R-M-MBS
1-5R-M-MBS.25
1-5R-M-MBS.50
1-5R-M-MBS.75
1-5R-M-MBS1.00

RING SET

STD1-5R-M-RS.50mm1-5R-M-RS.50.75mm1-5R-M-RS.751.00mm1-5R-M-RS1.001.50mm1-5R-M-RS1.50

ROD BEARINGS

1-5R-M-RBS
1-5R-M-RBS.25
1-5R-M-RBS.50
1-5R-M-RBS.75
1-5R-M-RBS1.00

CAM BEARINGS 1-5R-M-CBS FREEZE PLUGS 1-5R-M-FPK Engine has timing chain Engine has timing gears

OIL PUMP 1-5R-M-OP PIN BUSHINGS 1-5R-M-PB

1

O/HAUL GASKET SET 1-5R-M-GATC

O/HAUL GASKET SET 1-5R-M-GATG

ET 1-5R-M-GATC ET 1-5R-M-GATG

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

WITH GYLENDERE HEADEARTS

(WITH I GROUVE VALVE)		
INTAKE VALVE	1-5R-M-IV	
EXHAUST VALVE	1-5R-M-EV	
VALVE GUIDE	1-5R-M-VG	
VALVE SPRING	1-5R-M-VS	
KEEPER	1-5R-M-K	
RETAINER	1-5R-M-RET	
STEM SEALS	1-5R-M-SS	

SLEEVEMISCELLANEOUS LIFTER 1-5R-M-LIFT CAMSHAFT 1-5R-M-CAM WATER PUMP 1-5R-M-WP HEAD SET 1-5R-M-HS **CRANK SHAFT** 1-5R-CRANK CONN ROD 1-5R-CCR (WITH TIMING GEARS) CRANK GEAR 1-5R-M-CRG CAM GEAR 1-5R-M-CAG **IDLER GEAR** 1-5R-M-IG

(WITH 2 GROOVE VALVE)

INTAKE VALVE	1-5R-M-IV.2G
EXHAUST VALVE	1-5R-M-EV.2G
VALVE GUIDE	1-5R-M-VG
VALVE SPRING	1-5R-M-VS
KEEPER	1-5R-M-K
RETAINER	1-5R-M-RET.2G
STEM SEALS	1-5R-M-SS

(WITH TIMING CHAIN)

1-5R-M-CRSP
1-5R-M-CASP
1-5R-M-TC
1-5R-M-TEN

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TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-5R-L-OVKOP LATE STYLE – ROUND PORT WITH THRUST WASHERS

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT

PISTONS

STD 1-5R-L-PIS .50mm 1-5R-L-PIS.50 .75mm 1-5R-L-PIS.75 1.00mm 1-5R-L-PIS1.00 1.50mm 1-5R-L-PIS1.50

MAIN BEARINGS

STD	1-5R-L-MBS
.25mm	1-5R-L-MBS.25
.50mm	1-5R-L-MBS.50
.75mm	1-5R-L-MBS.75
1.00mm	1-5R-L-MBS1.00

CAM BEARINGS 1-5R-L-CBS OIL PUMP 1-5R-L-OP FREEZE PLUGS 1-5R-L-FPK

RING SET

STD	1-5R-L-RS
.50mm	1-5R-L-RS.50
.75mm	1-5R-L-RS.75
1.00mm	1-5R-L-RS1.00
1.50mm	1-5R-L-RS1.50

ROD BEARINGS

1

1-5R-L-RBS
1-5R-L-RBS.25
1-5R-L-RBS.50
1-5R-L-RBS.75
1-5R-L-RBS1.00

THRUST WASHERS O/HAUL GASKET SET PIN BUSHINGS 1-5R-L-TWS 1-5R-L-GA 1-5R-L-PB

ALL ITEMS CAN BE ORDERED SEPARATELY OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

(WITH 1 GROOVE VALVE)

INTAKE VALVE	1-5R-L-IV
EXHAUST VALVE	1-5R-L-EV
VALVE GUIDE	1-5R-L-VG
VALVE SPRING	1-5R-L-VS
KEEPER	1-5R-L-K
RETAINER	1-5R-L-RET
STEM SEALS	1-5R-L-SS

(WITH 2 GROOVE VALVE)

INTAKE VALVE	1-5R-L-IV.2G
EXHAUST VALVE	1-5R-L-EV.2G
VALVE GUIDE	1-5R-L-VG
VALVE SPRING	1-5R-L-VS
KEEPER	1-5R-L-K
RETAINER	1-5R-L-RET.2G
STEM SEALS	1-5R-L-SS

MISCELLANEOUS

SLEEVE	1-5R-L-SL
LIFTER CAMSHAFT	1-5R-L-LIFT 1-5R-L-CAM
WATER PUMP	1-5R-L-WP
CRANK GEAR CAM GEAR	1-5R-L-CRG 1-5R-L-CAG
IDLER GEAR	1-5R-L-IG
HEAD SET	1-5R-L-HS
CONNROD	1-5R-L-CCR
CRANKSHAFT	1-5R-L-CRANK





TOYOTA ENGINE OVERHAUL KIT WITH OIL PUMP 1-F-OVKOP

KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW

SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT PISTONS

STD	1-F-PIS
.50mm	1-F-PIS.50
.75mm	1-F-PIS.75
1.00mm	1-F-PIS1.00
1.50mm	1-F-PIS1.50

MAIN BEARINGS (EARLY STYLE)

(ENGINE SERIAL # UP TO 500000)

STD	1-F-MBS
.25mm	1-F-MBS.25
.50mm	1 -F-MBS.50
.75mm	1-F-MBS.75
1.00mm	1-F-MBS1.00

ROD BEARINGS

STD	1-F-RBS
.25mm	1-F-RBS.25
.50mm	1-F-RBS.50
.75mm	1-F-RBS.75
1.00mm	1-F-RBS1.00

1.50mm MAIN BEARINGS (LATE STYLE)

(ENGINE SERIAL # 500001 AND UP)

RING SET STD

.50mm

.75mm

1.00mm

$S = (A = \pi S = S = S = \pi B = S = S = S = S = S = S = S = S = S =$	
STD	1-F-MBSL
.25mm	1-F-MBSL.25
.50mm	1-F-MBSL.50
.75mm	1-F-MBSL.75
1.00mm	1-F-MBSL1.00

CAM BEARINGS	1-F-CBS
FREEZE PLUGS	1-F-FPK
O/HAUL GASKET SET	1-F-GA
OIL PUMP (EARLY STYLE)	1-F-OP
OIL PUMP (LATE STYLE)	1-F-OPL

Κ Ľ

1-F-RS

1-F-RS.50

1-F-RS.75

1-F-RS1.00

1-F-RS1.50

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS		MISCELLANEOUS		
INTAKE VALVE	1-F-IV	LIFTER	1-F-LIFT	
EXHAUST VALVE	1-F-EV	CAMSHAFT	1-F-CAM	
INTAKE GUIDE	1-F-IVG	SLEEVE	1-F-SL	
EXHAUST GUIDE	1-F-EVG	CRANK GEAR	1-F-CRG	
VALVE SPRINGS	1-F-VS	CAM GEAR	1-F-CAG	



TOYOTA ENGINE OVERHAUL KIT WITH LINERS AND OIL PUMP 1-H-OVKLOP KIT INCLUDES ALL APPLICABLE PARTS LISTED BELOW SELECT COMPONENT SIZES REQUIRED FOR YOUR KIT PISTONS 1-H-PIS LINERS 1-H-LIN 1-H-RS **RING SET** MAIN BEARINGS **ROD BEARINGS** STD 1-H-MBS STD 1-H-RBS .25mm 1-H-MBS.25 .25mm 1-H-RBS.25 .50mm 1-H-MBS.50 .50mm 1-H-RBS.50 .75mm 1-H-MBS.75 .75mm 1-H-RBS.75 1.00mm 1-H-MBS1.00 1.00mm 1-H-RBS1.00 THRUST WASHERS 1-H-TWS O/HAUL GASKET SET 1-H-GA OIL PUMP 1-H-OP FREEZE PLUGS 1-H-FPK PIN BUSHINGS 1-H-PB CAM BEARINGS (EARLY UP TO 6/72) 1-H-CBS CAM BEARINGS (LATE FROM 7/72) 1-H-CBSL

ALL ITEMS CAN BE ORDERED SEPARATELY

OR

CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

CYLINDER HEAD PARTS

MISCELLANEOUS LIFTER

1-H-LIFT

INTAKE VALVE 1-H-IV EXHAUST VALVE 1-H-EV INTAKE GUIDE 1-H-IVG EXHAUST GUIDE 1-H-EVG VALVE SPRINGS 1-H-VS



WAUKESHA ENGINE OVERHAUL KIT WITH LINERS 107-D155G-OVKL

	KIT (PISTONS, RINGS, LINER)	107-D155G-LK CAM BEARINGS	107-D155G-CBS			
-	107-D155G-MBS	PIN BUSHINGS				
	107-D155G-MBS01	O/HAUL GASKET SET				
	107-D155G-MBS02 107-D155G-MBS03	FREEZE PLUGS	107-D155G-FPK			
ROD BEARINGS (1.75 STD)						
	HAFT IS 1.75					
-	107-D155G-RBS					
	107-D155G-RBS01 107-D155G-RBS02					
	107-D155G-RBS02					
.030	50507-DCCI U-101					
ROD BEARIN	ROD BEARINGS (2.00 STD)					
IF CRANKSI	HAFT IS 2.00					
	107-D155G-RBSA					
	107-D155G-RBSA1					
	107-D155G-RBSA2					
.030	107-D155G-RBSA3					
ROD BEARIN	ROD BEARINGS (2.25 STD)					
IF CRANKSI	HAFT IS 2.25					
STD	107-D155G-RBSB					
	107-D155G-RBSB1					
	107-D155G-RBSB2					
.030	107-D155G-RBSB3					

ALL ITEMS LISTED CAN BE ORDERED SEPARATELY OR CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

MISCELLANEOUS

INTAKE VALVE 107-D155G-IV EXHAUST VALVE 107-D155G-EV INTAKE GUIDE 107-D155G-IVG EXHAUST GUIDE 107-D155G-EVG

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WAUKESHA ENGINE OVERHAUL KIT WITH LINERS 107-D176G-OVKL

MAIN BEARINGS STD 107-D176G-MBS .010 107-D176G-MBS01 O/H .020 107-D176G-MBS02 .030 107-D176G-MBS03	PIN BUSHINGS	107-D176G-CBS 107-D176G-PB
	FREEZE PLUGS	107-D176G-GA 107-D176G-FPK
ROD BEARINGS (1.75 STD) IF CRANKSHAFT IS 1.75 STD 107-D176G-RBS .010 107-D176G-RBS01 .020 107-D176G-RBS02 .030 107-D176G-RBS03		
ROD BEARINGS (2.00 STD) IF CRANKSHAFT IS 2.00 STD 107-D176G-RBSA .010 107-D176G-RBSA1 .020 107-D176G-RBSA2 .030 107-D176G-RBSA3		
ROD BEARINGS (2.25 STD) IF CRANKSHAFT IS 2.25 STD 107-D176G-RBSB .010 107-D176G-RBSB1 .020 107-D176G-RBSB2 .030 107-D176G-RBSB3		

ALL ITEMS LISTED CAN BE ORDERED SEPARATELY OR CUSTOMIZE YOUR KIT BY ADDING ANY OF THE FOLLOWING PARTS

MISCELLANEOUS

 INTAKE VALVE
 107-D176G-IV
 INTAKE GUIDE
 107-D176G-IVG

 EXHAUST VALVE
 107-D176G-EV
 EXHAUST GUIDE
 107-D176G-EVG

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